FACULTY OF ARTS AND HUMANITIES

SYLLABUS FOR THE BATCH FROM THE YEAR 2022 TO YEAR 2025

Programme Code: B.A.

Programme Name: B.A.
(Semester I- VI)

Examinations: 2022-2025

Khalsa College, Amritsar

(An Autonomous College)

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B. A.

S.No.	PROGRAMME OBJECTIVES
1.	To Impart basic knowledge of languages, Arts, Humanities and Social Sciences.
2.	To create better understanding of theories concepts and methodologies related to Humanities and Social Sciences among students.
3.	To facilitate students inclusive growth by discussing societal, national and global settings.
4.	To inculcate ethical, social and political values in order to surpass all odds of the life.
5.	To enable students to apply human values to improve human security.

S.No.	PROGRAMME SPECIFIC OUTCOMES (PSOS)
PSO-1	This programme will be helpful cultivating critical thinking among students.
PSO-2	It will enable students to comprehend different concepts globally in order to develop holistic understanding of the world and society.
PSO-3	It will provide awareness to students regarding ethical, social, psychological and political issues in order to increase their sense towards rights and responsibilities towards others.
PSO-4	It will create a better understanding of theories, concepts and methodology related to Humanities and Social Sciences among students.
PSO-5	It will improve the divergent ability of students by exploring the domains of creative arts.
PSO-6	It will provide better career opportunities to students in various sectors.

COURSE SCHEME							
SEMESTER - I							
Compulsory Course							
Course Code	**Course Name**	**Hours/ Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
BENC-1105	English Compulsory	04	37	0	13	50	9-10
BPBI-1101	Punjabi Compulsory	04	37	0	13	50	11
BPBI-1102	Basic Punjabi	04	37	0	13	50	12
BPHC-1104	Punjab History & Culture (from Earliest Times to C 320 BC)	04	37	0	13	50	13-14
Elective Course							
Course Code	**Course Name**	**Hours/ Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
CSC-111	Computer Science-Computer Fundamentals & Information Technology. (Theory) & (Practical)	04	56 --	-- 19	19 06	100	15-17
BECO-1120	Economics- Micro Economics	04	75	--	25	100	18-19
BEEN-1106	Elective English	06	75	--	25	100	20-21
BEHI-1107	Elective Hindi	06	75	--	25	100	22-24
BPBI-1103	Elective Punjabi	06	75	--	25	100	25-26
BFAA-1109	Fine Arts Paper-A- History of Indian Painting (Theory) Paper-B: Still Life (Practical) Paper-C: Letter Writing (Practical)	02 02 02	35 -- --	-- 20 20	25 -- --	100	27-30
BGEO-1119	Geography-Physical Geography-I, Geomorphology (Theory) Cartography-I (Practical)	04 01	45 --	-- 30	25 --	100	31-34
BHIS-1110	History- History of India upto A.D. 1000	04	75		25	100	35-36
MAT-111A	Mathematics-Algebra	04	38	--	12	50	37-38
MAT-111B	Mathematics-Calculus and Trignometry	04	37	--	13	50	39-40
BMUV-1117	A- Music (Vocal) Theory B- Music (Vocal) Practical	02 04	35 --	-- 40	25 --	100	41-43
BMUI-1118	A- Music (Instrumental) Theory B- Music (Instrumental) Practical	02 04	35 --	-- 40	25 --	100	44-46
BPED-1115	Physical Education (Theory) & (Practical)	04	45	30	25	100	47-49
BPOL-1113	Political Science- Political Concepts	04	75	--	25	100	50-51
BPSY-1111 BPSYP-1111	Psychology – Basic Psychological Processes-I (Theory) & (Practical)	04 02	50 --	-- 25	25 --	100	52-54
BPUB-1114	Public Administration-Principals of Public Admninistration	04	75	--	25	100	55-56
BARS-114	Religious Studies - ਧਰਮ, ਆਦਿ ਧਰਮ ਅਤੇ ਧਰਮ ਸੰਬੰਧੀ ਆਧੁਨਿਕ ਮੁੱਦੇ	04	75	--	25	100	57-58
BSOC-1108	Sociology- Fundamentals of Sociology-I	04	75	--	25	100	59-60
STA-111A	Statistics- Statistical Method-I (Theory)	04	26	--	09	35	61-62
STA-111B	Statistics-Probability Theory (Theory)	04	26	--	09	35	63-64
STA-111P	Statistics-(Practical)	03	--	22	08	30	65
BTHS-1116	Theatre Studies-Introduction to Theatre and Drama (Theory) & (Practical)	06	25	50	25	100	66-67
Non Credited Course							
Course Code	**Course Name**	**Hours/ Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
ZDA-111	Drug Abuse: Problem, Management and Prevention	02	50	--	--	50	68-69

Semester II

Compulsory Course

Course Code	Course Name	Hours/ Week	Th	Pr	IA	Total	Page No.
			Max. Marks				
BENC-1205	English Compulsory	04	37	0	13	50	70-71
BPBI-1201	Punjabi Compulsory	04	37	0	13	50	72
BPBI-1202	Basic Punjabi	04	37	0	13	50	73
BPHC-1204	Punjab History & Culture-C 321 to 1000 A.D.	04	37	0	13	50	74-75

Elective Course

Course Code	Course Name	Hours/ Week	Th	Pr	IA	Total	Page No.
			Max. Marks				
CSC-121	Computer Science-Programming using C (Theory) & (Practical)	04 --	56 --	-- 19	19 06	100	76-78
BECO-1220	Economics-Macro Economics	04	75	--	25	100	79-80
BEEN-1206	Elective English	06	75	--	25	100	81-82
BEHI-1207	Elective Hindi	06	75	--	25	100	83-85
BPBI -1203	Elective Punjabi	06	75	--	25	100	86-87
BFAA-1209	Fine Arts- Paper-A- History of Indian Sculpture Paper-B: Still Life Study (Practical) Paper-C: Head Study (Male/Female) (Practical)	02 02 02	35 -- --	-- 20 20	25 -- --	100	88-91
BGEO-1219	Geography- Climatology & Oceanography (Theory) Cartography-II (Practical)	04	45 --	-- 30	25 --	100	92-95
BHIS-1210	History-History of India upto A.D. (1000-1707)	04	75	--	25	100	96-98
MAT-121A	Mathematics-Calculus and Differential Equations	04	38	--	12	50	99-100
MAT-121B	Mathematics-Calculus	04	37	--	13	50	101-102
BMUV-1217	A: Music (Vocal) Theory B: Music (Vocal) Practical	02 04	35 --	-- 40	25 --	100	103-105
BMUI-1218	A: Music (Instrumental) Theory B: Music (Instrumental) Practical	02 04	35 --	-- 40	25 --	100	106-108
BPED-1215	Physical Education (Theory) & (Practical)	04	45	30	25	100	109-111
BPOL-1213	Political Science- Political Theory and Idologies	04	75		25	100	112-113
BPSY-1211 BPSYP-1211	Psychology- Basic Psychological Processes-II (Theory) & (Practical)	04 02	50 --	-- 25	25 --	100	114-116
BPUB-1214	Public Administration-Indian Administration	04	75	--	25	100	117-118
BARS-214	Religious Studies- ਪ੍ਰਮੁੱਖ ਭਾਰਤੀ ਧਰਮ	04	75	--	25	100	119-120
BSOC-1208	Sociology-Fundamentals of Sociology-II	04	75	--	25	100	121-122
STA-121A	Statistics- Statistical Methods-II (Theory)	04	26	--	09	35	123-124
STA-121B	Statistics-Probability Distribution (Theory)	04	26	--	09	35	125-126
STA-121P	Statistics- Statistical Methods-II & Probability Distribution (Practical)	04	--	22	08	30	127-128
BTHS-1216	Theatre Studies-Fundamentals of Theatre (Theory) & (Practical)	06	25	50	25	100	129-130

Non Credited Course

Course Code	Course Name	Hours/Week	Th	Pr	IA	Total	Page No.
			Max. Marks				
ZDA-121	Drug Abuse: Problem, Management and Prevention	02	50	--	--	50	131-132

SEMESTER - III							
Compulsory Course							
Course Code	**Course Name**	**Hours/ Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
BENC-2305	English Compulsory	04	37	0	13	50	133-134
BPBI-2301	Punjabi Compulsory	04	37	0	13	50	135
BPBI-2302	Basic Punjabi	04	37	0	13	50	136
BPHC-2304	Punjab History & Culture (A.D. 1000-1606)	04	37	0	13	50	137-138
Elective Course							
Course Code	**Course Name**	**Hours/Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
CSC-231	Computer Science- Computer Oriented Numerical and Statistical Methods (Theory) & (Practical)	04	56	--	19	100	139-141
			--	19	06		
BECO-2320	Economics- Indian Economy	04	75	--	25	100	142-143
BEEN-2306	Elective English	06	75	--	25	100	144-145
BEHI-2307	Elective Hindi	06	75	--	25	100	146-149
BPBI -2303	Elective Punjabi	06	75	--	25	100	150
BFAA-2309	Fine Arts- Paper A: History of Indian Sculpture	02	35	--	25	100	151-154
	Paper B: Design 2D/3D (Practical)	02	--	20	--		
	Paper C: Head Study (Male /Female) (Practical)	02	--	20	--		
BGEO-2319	Geography-Resourcesand Environment: World Patterns (Theory)	04	45	--	25	100	155-158
	Cartography (Practical)		--	30	--		
BHIS-2310	History- History of India (A.D. 1707-1947)	04	75	--	25	100	159-161
MAT-231A	Mathematics- Analysis	04	38	--	12	50	162-163
MAT-231B	Mathematics- Analytical Geometry	04	37	--	13	50	164-165
BMUV-2317	A: Music (Vocal)- Theory	02	35	40	25	100	166-168
	B: Music (Vocal)- Practical	04	--	--			
BMUI-2318	A: Music (Instrumental) -Theory	02	35	40	25	100	169-171
	B: Music (Instrumental)- Practical	04	--	--	--		
BPED-2315	Physical Education (Theory) & (Practical)	04	44	30	25	100	172-174
BPOL-2313	Political Science-Indian Constitution	04	75		25	100	175-176
BPSY-2311	Psychology- Experimental Psychology-I	04	50	--	25	100	177-179
BPSYP-2311	(Theory) & (Practical)	02	--	25	--		
BPUB-2314	Public Administration-Personnal Administration in India	04	75	--	25	100	180-181
BARS-314	Religious Studies–ਸਾਮੀ ਧਰਮ	04	75	--	25	100	182-184
BSOC-2308	Sociology-Society in India	04	75		25	100	185-186
STA-231A	Statistics-Advanced Probability-I (Theory)	04	26	--	09	35	187-188
STA-231B	Statistics-Statistical Inference-I (Theory)	04	26	--	09	35	189-190
STA-231P	Statistics-Statstical Inference-I (Practical)	04	22	--	08	30	191
BTHS-2316	Theatre Studies-History and Types of Theatre (Theory) & (Practical)	06	25	50	25	100	192-193
Non-Credited Course							
	Course Name	**Hours/Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
ESL-221	Environmental Studies	02	50	--	--	50	194-196

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SEMESTER - IV							
Compulsory Course							
Course Code	**Course Name**	**Hours/ Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
BENC-2405	English Compulsory	04	37	--	13	50	197-198
BPBI-2401	Punjabi Compulsory	04	37	--	13	50	199
BPBI-2402	Basic Punjabi	04	37	--	13	50	200
BPHC-2404	Punjab History & Culture(A.D. 1606-1849)	04	37	--	13	50	201-202
Elective Course							
Course Code	**Course Name**	**Hours/Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
CSC-241	Computer Science- Data Structure & Programming Language using C++(Theory) & (Practical)	04	56 --	-- 19	19 06	100	203-205
BECO-2420	Economics-International Economics & Public Finance	04	75	--	25	100	206-207
BEEN-2406	Elective English	06	75	--	25	100	208-209
BEHI-2407	Elective Hindi	06	75	--	25	100	210-212
BPBI -2403	Elective Punjabi	06	75	--	25	100	213-214
BFAA-2409	Fine Arts-Paper-A: History of Inidan Painting (Theory) Paper-B: Head Skills(Practical) Paper-C: Poster/Book Cover (Practical)	02 02 02	35 -- --	-- 20 20	25 -- --	100	215-218
BGEO-2419	Geography-Geography of Punjab (Theory) Cartography (Practical)	04 02	45 --	-- 30	25 --	100	219-222
BHIS-2410	History-History of the Punjab (A.D. 1469-1799)	04	75	--	25	100	223-225
MAT-121A	Mathematics-Statistics and Vector Calculus	04	38	--	12	50	226-227
MAT-121B	Mathematics- Solid Geometery	04	37	--	13	50	228-229
BMUV-2417A BMUV-2417B	A: Music (Vocal) Theory B: Music (Vocal) Practical	02 04	35 --	-- 40	25	100	230-232
BMUI-2418A BMUI-2418B	A: Music (Instrumental) Theory B: Music (Instrumental) Practical	02 04	35 --	-- 40	25	100	233-235
BPED-2415	Physical Education (Theory) & (Practical)	04	45	30	25	100	236-238
BPOL-2413	Political Science-Indian Political System	04	75		25	100	239-241
BPSY-2411 BPSYP-2411	Psychology- Experimental Psychology-II (Theory) & (Practical)	04 02	50 --	-- 25	25 --	100	242-244
BPUB-2414	Public Administration-Financial Administration	04	75	--	25	100	245-246
BARS-414	Religious Studies-ਮੱਧਕਾਲੀਨ ਅਤੇ ਆਧੁਨਿਕ ਧਾਰਮਿਕ ਲਹਿਰਾਂ	04	75	--	25	100	247-248
BSOC-2408	Sociology-Social Change in India	04	75	--	25	100	249-250
STA-241A	Statistics-Advanced Probability-II (Theory)	04	26	--	09	35	251-252
STA-241B	Statistics-Statstical Inference-II (Theory)	04	26	--	09	35	253-254
STA-241P	Statistics- Stastical Inference-II (Practical)	03	--	22	08	30	255
BTHS-2416	Theatre Studies- Theatre Design (Theory) & (Practical)	06	25	50	25	100	256-257
Non-Credited Course							
Course Code	**Course Name**	**Hours/Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
ESL-222	Environmental Studies-II	02	50	--	--	50	258-260

SEMESTER - VI							
Course Code	**Course Name**	**Hours/ Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
BENC-3605	English Compulsory	04	37	0	13	50	317-318
BPBI-3601	Punjabi Compulsory	04	37	0	13	50	319
BPBI-3602	Basic Punjabi	04	37	0	13	50	320-321
BPHC-3604	Punjab History & Culture/(A.D. 1947-2000)	04	37	0	13	50	322-323
Elective Course							
Course Code	**Course Name**	**Hours/Week**	**Max. Marks**				**Page No.**
			Th	**Pr**	**IA**	**Total**	
CSC-361	Computer Science-Programming Using Python (Theory) & (Practical)	04	56 --	-- 19	19 06	100	324-326
BECO-3620	Economics-Quantitative Methods for Economists	04	75	--	25	100	327-328
BEEN-3606	Elective English	06	75	--	25	100	329-330
BEHI-3607	Elective Hindi	06	75	--	25	100	331-333
BPBI-3603	Elective Punjabi	06	75	--	25	100	334-335
BFAA-3609	Fine Arts Paper-A: History of Indian Painting (Modern Period) Theory Paper-B: Landscape Painting/Composition (Practical) Paper-C: Full Life Drawing (Practical)	02 02 02	35 -- --	-- 20 20	25	100	336-339
BGEO-3619	Geography- Geography of India (Theory) Geography- Feld Work (Practical)	04 02	45 --	-- 30	25 --	100	340-342
BHIS-3610	History- History of the Punjab (A.D. 1799-1966)	04	75	--	25	100	343-344
MAT-361A	Mathematics-Linear Algebra	04	38	--	12	50	345-346
MAT-361B	Mathematics-Numerical Analysis	04	37	--	13	50	347-348
BMUV-3617A BMUV-3617B	A: Music (Vocal) Theory B: Music (Vocal) Practical	02 04	35 --	-- 40	25 --	100	349-351
BMUI-3618A BMUI-3618B	A: Music (Instrumental) Theory B: Music (Instrumental) Practical	02 04	35 --	-- 40	25 --	100	352-354
BPED-3615	Physical Education (Theory) & (Practical)	04	45	30	25	100	355-356
BPOL-3613	Political Science- International Politics: Theory and Practice	04	75	--	25	100	357-358
BPSY-3611 BPSYP-3611	Psychology- Abnormal Psychology-II (Theory) & (Practical)	04 02	50 --	-- 25	25 --	100	359-361
BPUB-3614	Public Administration- Development Administraion	04	75	--	25	100	362-363
BARS-614	Religious Studies-ਸਿੱਖ ਧਰਮ ਅਤੇ ਸੰਸਥਾਵਾਂ	04	75	--	25	100	364-365
BSOC-3608	Sociology- Social Research and Scientific Methods	04	75	--	25	100	366-367
STA-361A	Statistics-Economic Statistics	04	26	--	09	35	368
STA-361B	Statistics- Vital Statistics and Industrial Statistics	04	26	--	09	35	369
STA-361P	Statistics: Practical based on Paper-I: Economic Statistics and Paper-II: Vital Statistics and Industrial Statistics	03	--	22	08	30	370
BTHS-3616	Theatre Studies- Project Work	06	--	75	25	100	371

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER – I
Course Code: BENC-1105
English (Compulsory)

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setter and Distribution of Marks:
The question paper will consist of three sections and distribution of marks will be as under:
Section A: 10 Marks
Section B: 17 Marks
Section C: 10 Marks

Section–A

1. **Twelve (12)** Questions on the usage of grammar related to the prescribed units of *Murphy's English   Grammar* will be set for the students to attempt **any Ten (10)**
                                                                    (1X10= 10 Marks)

Section–B

1. **EIGHT (8)** questions (four from each literary text) on theme, characterization, tone and style etc. will be set. The students will be required to attempt **any Four (4)** questions, choosing at least TWO from each prescribed text. The answer to each question should not exceed 15-20 sentences.

                                                                    (4X3=12 Marks)

2. The students will be required to write an **APPLICATION**   to the Head of an educational institution on any **ONE** out of the **TWO** Topics
(1X5=5 Marks)

Section–C

3. **TWO** questions, one from each literary text, will be set for the students to answer any **ONE.**   (1X5 = 5 Marks)
4. A question requiring the students to write **a Paragraph** on **ONE** of the **TWO** given topics.   (1X5 = 5 marks)

Course Objectives:

1. To read, interpret and write about diverse range of texts in English.
2. To understand the prescribed texts analytically and critically.
3. To familiarise the students with social, political, moral and cultural background of the prescribed texts.
4. To participate in the critical and cultural discourses of English.
5. To teach language and literature effectively with the support of ICT tools.
6. To become competent, committed, conscious, creative, and compassionate human beings.

B.A. (12+3 System of Education) (Batch 2022-25)

Course Contents:

1) Stories at Sr. No. 1,2,3,5,6 from *Tales of Life*.
2) Essays at Sr. No. 1,2,3,5,6 from *Prose for Young Learners.*
3) Unit 1-18 from *Murphy's English Grammar.*

Texts Prescribed:

1. *Tales of Life* (Guru Nanak Dev University, Amritsar)
2. *Prose for Young Learners* (Guru Nanak Dev University, Amritsar)
3. *Murphy's English Grammar 4th Edition(by Raymond Murphy) CUP*

Course Outcomes:

The completion of this course enables students to:
1. appreciate the writings of various Indian and foreign story and prose writers and relate them to their socio-cultural milieu.
2. comprehend the meaning of texts and answer questions related to situations, episodes, themes and characters depicted in them.
3. understand fundamental grammatical rules governing tenses and make correct usage in their language.
4. write independently paragraphs on any given topic.

B.A. SEMESTER-I
Course Code: BPBI - 1101
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 04   ਕੁੱਲ ਅੰਕ: 50

ਕੁੱਲ ਘੰਟੇ: 60   ਥਿਊਰੀ ਅੰਕ: 37

ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਚਾਰ ਭਾਗਾਂ ਵਿਚ 02-02 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿੱਚੋਂ 01-01 ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ (08) ਅੰਕ ਹੋਣਗੇ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਪੰਜਵੇਂ ਭਾਗ ਵਿਚ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿੱਚੋਂ 01-01 ਅੰਕ ਦੇ ਛੇ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਨ੍ਹਾਂ ਵਿੱਚੋਂ 05 ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective

- ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਪੈਦਾ ਕਰਨਾ।
- ਆਲੋਚਨਾਤਮਕ ਰੁਚੀਆਂ ਵਿਕਸਤ ਕਰਨਾ।
- ਮਾਤ ਭਾਸ਼ਾ ਦੀ ਸਮਝ ਨੂੰ ਵਿਕਸਤ ਕਰਨਾ।

ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)

- ਵਿਦਿਆਰਥੀ ਦੀ ਸਾਹਿਤਕ ਸੋਚ-ਸਮਝ ਵਿਕਸਤ ਹੋਵੇਗੀ।
- ਵਿਦਿਆਰਥੀ ਵਿਚ ਸਾਹਿਤ ਰੁਚੀਆਂ ਵਿਕਸਤ ਹੋਣਗੀਆਂ।
- ਵਿਦਿਆਰਥੀ ਨੂੰ ਸਾਹਿਤ ਸਿਰਜਣਾ ਦੀ ਸੰਭਾਵਨਾ ਵਧੇਗੀ।
- ਵਿਦਿਆਰਥੀ ਕਿਸੇ ਵੀ ਵਿਸ਼ੇ ਦਾ ਗਹਿਨ ਅਧਿਐਨ ਕਰਨ ਦੇ ਕਾਬਲ ਹੋਵੇਗਾ।
- ਵਿਦਿਆਰਥੀ ਮਾਤ ਭਾਸ਼ਾ ਦੇ ਵਿਕਾਸ ਵਿਚ ਵਿਸ਼ੇਸ਼ ਯੋਗਦਾਨ ਪਾਉਣਗੇ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਸਾਹਿਤ ਦੇ ਰੰਗ, ਡਾ. ਮਹਿਲ ਸਿੰਘ (ਸੰਪਾ.), ਰਵੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।
ਭਾਗ ਪਹਿਲਾ - ਕਵਿਤਾ ਅਤੇ ਕਹਾਣੀ, ਡਾ. ਮਹਿਲ ਸਿੰਘ ਅਤੇ ਡਾ. ਆਤਮ ਰੰਧਾਵਾ (ਸਹਿ ਸੰਪਾ.)
(ਕਵਿਤਾ ਭਾਗ ਵਿੱਚੋਂ ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ/ਕਵਿਤਾ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ। ਕਹਾਣੀ ਭਾਗ ਵਿੱਚੋਂ ਸਾਰ/ਵਿਸ਼ਾ-ਵਸਤੂ)

ਭਾਗ-ਦੂਜਾ

ਸੰਸਾਰ ਦੀਆਂ ਪ੍ਰਸਿੱਧ ਹਸਤੀਆਂ
ਪ੍ਰਿੰ. ਤੇਜਾ ਸਿੰਘ ਅਤੇ ਹਰਨਾਮ ਸਿੰਘ ਸ਼ਾਨ (ਸੰਪਾ.), ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।
(ਜੀਵਨੀ 01 ਤੋਂ 09 ਤੱਕ, ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਨਾਇਕ ਬਿੰਬ)

ਭਾਗ-ਤੀਜਾ

(ੳ) ਪੈਰ੍ਹਾ ਰਚਨਾ
(ਅ) ਪੈਰ੍ਹਾ ਪੜ੍ਹ ਕੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ।

ਭਾਗ-ਚੌਥਾ

(ੳ) ਪੰਜਾਬੀ ਭਾਸ਼ਾ: ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ
(ਅ) ਭਾਸ਼ਾ ਵੰਨਗੀਆਂ: ਭਾਸ਼ਾ ਦਾ ਟਕਸਾਲੀ ਰੂਪ, ਭਾਸ਼ਾ ਅਤੇ ਉਪ-ਭਾਸ਼ਾ ਦਾ ਅੰਤਰ, ਪੰਜਾਬੀ ਉਪ-ਭਾਸ਼ਾਵਾਂ ਦੇ ਪਛਾਣ-ਚਿੰਨ੍ਹ

B.A. SEMESTER-I
Course Code: BPBI-1102
ਮੁਢਲੀ ਪੰਜਾਬੀ
(In Lieu of Compulsory Punjabi)

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 04　　　　　　　　　　　　　　　　　　**ਕੁੱਲ ਅੰਕ: 50**
ਕੁੱਲ ਘੰਟੇ: 60　　　　　　　　　　　　　　　　　　　　　　**ਥਿਊਰੀ ਅੰਕ: 37**
ਸਮਾਂ: 3 ਘੰਟੇ　　　　　　　　　　　　　　　　　　**ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13**

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਪਹਿਲੇ ਭਾਗ ਵਿਚੋਂ ਚਾਰ ਵਰਣਨਾਤਮਕ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਤਿੰਨ ਪ੍ਰਸ਼ਨਾਂ ਦਾ ਉੱਤਰ ਦੇਣਾ ਲਾਜ਼ਮੀ ਹੈ। ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ ਚਾਰ-ਚਾਰ ਅੰਕ ਹਨ। ਭਾਗ ਦੂਸਰਾ ਵਿਚੋਂ ਦੋ-ਦੋ ਅੰਕ ਦੇ ਪੰਜ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹਨ। ਭਾਗ ਤੀਸਰਾ ਵਿਚੋਂ ਤਿੰਨ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹਨ ਜਿਨ੍ਹਾਂ ਦੇ ਪੰਜ-ਪੰਜ ਅੰਕ ਹਨ। ਭਾਗ ਚੌਥਾ ਵਿਚ ਪੰਜ ਅਸ਼ੁੱਧ ਸ਼ਬਦਾਂ ਨੂੰ ਸ਼ੁੱਧ ਕਰਕੇ ਲਿਖਣਾ ਹੋਵੇਗਾ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective
- ਵਿਦਿਆਰਥੀ ਨੂੰ ਸ਼ੁੱਧ ਪੰਜਾਬੀ ਪੜ੍ਹਨਾ-ਲਿਖਣਾ ਸਿਖਾਉਣਾ।
- ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀਆਂ ਵਿਆਕਰਨਕ ਬਾਰੀਕੀਆਂ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ।
- ਸ਼ੁੱਧ ਸੰਚਾਰ ਨੂੰ ਵਿਕਸਤ ਕਰਨਾ।

ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
- ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੀ ਸਿਖਲਾਈ ਵਿਚ ਮੁਹਾਰਤ ਹਾਸਿਲ ਕਰਨਗੇ।
- ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਚ ਮੁਹਾਰਨੀ, ਲਗਾਂ-ਮਾਤਰਾਂ, ਸਵਰ ਅਤੇ ਵਿਅੰਜਨ ਦੀ ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ ਦੁਆਰਾ ਉਨ੍ਹਾਂ ਦੀ ਸਮਝ ਨੂੰ ਵਿਕਸਿਤ ਹੋਵੇਗੀ।
- ਪੰਜਾਬੀ ਸ਼ਬਦ-ਜੋੜਾਂ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਕੇ ਉਹ ਸ਼ੁੱਧ ਪੰਜਾਬੀ ਲਿਖਣ-ਪੜ੍ਹਨ ਦੇ ਸਮਰੱਥ ਹੋਣਗੇ।
- ਉਹ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਆਕਰਨ ਪ੍ਰਬੰਧ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਨਗੇ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

(ੳ) ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ:
　　ਨਾਮਕਰਣ ਤੇ ਸੰਖੇਪ ਜਾਣ-ਪਛਾਣ: ਗੁਰਮੁਖੀ ਵਰਣਮਾਲਾ, ਅੱਖਰ ਕ੍ਰਮ, ਸਵਰ ਵਾਹਕ (ੳ, ਅ, ੲ), ਲਗਾਂ-ਮਾਤਰਾਂ, ਪੈਰ ਵਿਚ ਬਿੰਦੀ ਵਾਲੇ ਵਰਨ, ਪੈਰ ਵਿਚ ਪੈਣ ਵਾਲੇ ਵਰਨ, ਬਿੰਦੀ, ਟਿੱਪੀ, ਅੱਧਕ

(ਅ) ਸਿਖਲਾਈ ਤੇ ਅਭਿਆਸ

ਭਾਗ-ਦੂਜਾ

ਗੁਰਮੁਖੀ ਆਰਥੋਗਰਾਫ਼ੀ ਅਤੇ ਉਚਾਰਨ:
　　ਸਵਰ, ਵਿਅੰਜਨ: ਮੁਢਲੀ ਜਾਣ-ਪਛਾਣ ਅਤੇ ਉਚਾਰਨ, ਮੁਹਾਰਨੀ, ਲਗਾਂ-ਮਾਤਰਾਂ ਦੀ ਪਛਾਣ

ਭਾਗ-ਤੀਜਾ

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਜੋੜ: ਮੁਕਤਾ (ਦੋ ਅੱਖਰਾਂ ਵਾਲੇ ਸ਼ਬਦ, ਤਿੰਨ ਅੱਖਰਾਂ ਵਾਲੇ ਸ਼ਬਦ), ਸਿਹਾਰੀ ਵਾਲੇ ਸ਼ਬਦ, ਬਿਹਾਰੀ ਵਾਲੇ ਸ਼ਬਦ, ਔਂਕੜ ਵਾਲੇ ਸ਼ਬਦ, ਦੁਲੈਂਕੜ ਵਾਲੇ ਸ਼ਬਦ, ਲਾਂ ਵਾਲੇ ਸ਼ਬਦ, ਦੁਲਾਵਾਂ ਵਾਲੇ ਸ਼ਬਦ, ਹੋੜੇ ਵਾਲੇ ਸ਼ਬਦ, ਕਨੌੜੇ ਵਾਲੇ ਸ਼ਬਦ, ਲਗਾਖਰ (ਬਿੰਦੀ, ਟਿੱਪੀ, ਅੱਧਕ) ਵਾਲੇ ਸ਼ਬਦ

ਭਾਗ-ਚੌਥਾ

ਸ਼ੁੱਧ-ਅਸ਼ੁੱਧ ਸ਼ਬਦ

B.A. SEMESTER–I
Course Code: BPHC-1104
Punjab History & Culture
(From Earliest Times to C 320 BC)
(Special Paper in lieu of Punjabi compulsory
for those students who are not domicile of Punjab)

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**
Instructions for the Paper Setters:

The question paper consists of five units: I, II, III, IV and V. Units I, II, III and IV will have two questions each. Each question carries 8 marks. The students are to attempt one question from each unit approximately in 800 words. Unit-V consists of 7 short answer type questions to be set from the entire syllabus. Students are to attempt any 5 questions in about 20 words each. Each question carries 1 mark.
Note: The examiner is to set the question paper in two languages: English & Hindi.

Course Objectives: The main objective of this course is to educate the history and culture of the Ancient Punjab to the students who are not domicile of the Punjab. It aims to familiarize these students with the physical features of ancient Punjab and its impact on its history and culture. It also provides them information about the different sources to construct the history and culture of the ancient Punjab. The course intends to provide knowledge of social, economic, religious life of the Harrapan civilization, Indo-Aryans, teachings and impact of Jainism and Buddhism in the Punjab.

Unit-I

Physical features of the Punjab and impact on history.
Sources of the ancient history of Punjab.

Unit-II

Harappan Civilization: Town planning; social, economic and religious life of the Indus Valley People.
The Indo-Aryans: Original home and settlement in Punjab.

Unit-III

Social, Religious and Economic life during Rig Vedic Age.
Social, Religious and Economic life during later Vedic Age.

Unit-IV

Teachings and impact of Buddhism.
Jainism in the Punjab.

Suggested Readings:-

L. Joshi (ed), *History and Culture of the Punjab*, Art-I, Patiala, 1989 (3rd edition)

L.M. Joshi and Fauja Singh (ed*), History of Punjab*, Vol.I, Patiala 1977.

Budha Parkash, *Glimpses of Ancient Punjab*, Patiala, 1983.

B.N. Sharma, *Life in Northern India*, Delhi. 1966.

Course Outcomes:

After completion of the course, the students will be able to learn:

CO-1 The history and culture of the Ancient Punjab.
CO-2 Physical features of ancient Punjab.
CO-3 The sources of the history of the Punjab.
CO-4 Social, economic, religious life of the Harrapan civilization and Vedic-Aryans.
CO-5 Teachings and impact of Jainism and Buddhism in the Punjab.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Computer Science
Course Code: CSC-111
Computer Fundamental & Information Technology

Credit Hours (per week):4   **Total Marks: 100**
Total Hours:60   **Theory Marks: 56**
 Time: 3 Hours   **Theory Internal Assessment M: 19**
                                                       Practical Marks: 19
                                        Practical Internal Assessment M: 06

Note: 1. Medium of Examination is English Language.
       2.The question paper covering the entire course shall be divided into three sections.

Instructions for Paper Setters:
Section A: It will have question No.1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 6 questions. Each question will carry two marks with answer to each question up to 10 lines in length. The total weightage being **12 marks**.
Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks. The total weightage of this section shall be **22 marks.**
Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 6, 7, 8 and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks. The total weightage of this section shall be **22 marks**

Course Objectives:

1.	This course will familiarise students with basics of computer, its components.
2.	Students will learn various peripheral devices.
3.	Students will learn different kind of operating systems, networks and role of information Systems.

UNIT–I

Introduction to computer and its uses: milestones in hardware and software, batch oriented/online/real time application.
Computer as a system: basic concepts, stored programs, functional units and their inter – relation, communication with the computer.
Data storage devices and media: primary storage: storage addressed, and capacity, type of memory: secondary storage; magnetic tape – data representation and R/W: magnetic disc, fixed & removable, data representation and R/W, Data organization, Compact Disc, DVD, Blu-ray Disc, Cloud Storage.
Input/output devices: Key–tape/diskette devices, light pen mouse and joystick, source data automation (MICR, OMR, and OCR), screen assisted data entry; portable/hand held terminals for data collection, vision input system, SD Cards (Secure Digital), Solid State drives (SSD) .**Printed output:** Serial, line, page, printers; plotters, visual output; voice response units.
Computer Viruses: Definition, Types of viruses, use of Antivirus software

UNIT-II

Data & Network Communication

Communication media: Twisted pair, Coaxial, Fibre optics, Wireless(Line of Sight & Satellite), Network Advantages, Types & Topologies, Communication using Network protocol/Network Interface card(NP/NIC), Transmission & Communication protocol/protocol(TCP/IP), Modems, Types of Operating systems: Multiuser, Multitasking & Multiprogramming and their examples.

Information Systems

Introduction to IT & its components, What is Information systems, Computer based information systems, Management Information System, Decision Support System, Expert System, Functional Information System, Open Information System, Transaction Processing System, System Development Process & System development Tools. Internet basics, Its uses and Applications.

References:

1. R.K. Taxali: Introduction to Software Packages, Galgotia Publications.
2. Introduction to Computer by P.K. Sinha
3. Windows Based Computer Courses by Gurvinder Singh & Rachpal Singh.
4. Peter Norton, Introduction to Computers, Glencoe, Macmillan/McGraw Hill. Kroenke, Business
   Computer System, McGraw Hill.
5. Patric, G.Mckeown, Living with the Computers, 2nd edition, HBT Publishers, USA.
6. Hussain & Hussain, Computer Technology, Applications & Social Implications, PHI.
7.MS-Office compiled by SYBIX
 8. MS-Office BPB Publications.

Course Outcomes:

On Completing the course, the students will be able to:

CO-1.	Study the fundamental concepts of computers
CO-2.	Familiarize themselves with operating systems, peripheral devices, networking and internet.
CO-3.	Study the hardware and software concepts , input and output components of a computer system.
CO-4.	Demonstrate different communication medias.
CO-5.	Learn Information systems, system development life cycle, tools and its applications

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Computer Fundamental & Information Technology
(Practical)

Credit Hours (per week):4   **Practical Marks: 19**
Total Hours:60   **Practical Internal Assessment M: 06**
Time: 3 hours

Working of Internet:
Internet and its applications, Internet evolution, Working of Internet, Use of Internet, Overview of World Wide Web (Web Server and Client), Search engine, Uploading & Downloading files, Web Browsers, Working with E-mail.

MS–Word 2010:
Introduction to Word, Introduction to Parts of Word Window (Title Bar, Menu Bar, Tool Bar, The Ruler, Status Area), Page Setup, Creating New Documents, Saving Documents, Opening an Existing documents, insert a second document into an open document, Editing and formatting in document, Headers and Footers, Spell Checking, Printing document, Creating a Table Using the Table Menu and table formatting, Borders and Shading, Templates and Wizards, Mail Merge.

MS Power Point 2010:
Introduction to MS Power point, Power point elements, Templates, Wizards, Views, Exploring Power Point Menu, Working with Dialog Boxes, Adding Text, Adding Title, Moving Text Area, Resizing Text Boxes, Adding Art, Starting a New Slide, Starting Slide Show, Saving presentation; Printing Slides, Views (View slide sorter view, notes view, outlines view), Formatting and enhancing text formatting, Creating Graphs (Displaying slide show and adding multi–media)

B.A. SEMESTER–I
Economics
Course Code: BECO- 1120
Micro Economics

Credit hours /week: 4   **Total Marks: 100**
Total hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Note: Instructions for the Paper–Setters/Examiners:

(i)   First question consisting of 8 short answer questions (based upon the entire syllabus), out of which 5 questions are to be attempted (each carrying 3 marks).
(ii)   Students will attempt 1 out of 2 questions from each of four units (15 marks each).
.

Course Objective: The course aims at providing in depth knowledge of basic concepts related to Microeconomics as well as to make them aware about the consumer and producer behaviour, different types of market structure and factor distribution.

UNIT–I
Introductory: Definition of Economics, Adam Smith, Marshall and Robbins, Nature and Scope of Microeconomics. Basic Concepts: Human wants, Utility and Satisfaction, Basic Economic Problems.
Demand Function, Supply Function, Price Determination, Slope and Elasticity, Elasticity of Demand – Price, Income and Cross and their Measurement. Utility Analysis

UNIT–II
Indifference Curve Analysis
Theory of Production and Costs: Concept of Production Function. Laws of Returns to Scale and Law of Variable Proportions.
Cost: Traditional and Modern Costs Theory, Concepts and Costs curves in the short run and long run. Revenue Curves and their relationship with elasticity of demand.

UNIT–III
Price determination under Various Market forms:
Perfect Competition- Features and Equilibrium of firm and Industry in Short run and Long run;
Monopoly- Features and Equilibrium under short run and long run, Discriminating Monopoly.
Monopolistic Competition – Features, equilibrium of firm and Group in Short run and Long run

UNIT–IV

Marginal Productivity Theory of Factor Pricing (with reference to labour) under Perfect Competition and Imperfect Competition, Modern Theory of Distribution.
Rent: Concept; Ricardian Theory and Modern Theory of Rent.
Interest: Concept of interest; classical theory, lonable funds theory.
Profit: Concept of profit; Risk theory and uncertainty theory.

B.A. (12+3 System of Education) (Batch 2022-25)

Recommended Texts:

1. R.G. Lipsey: Introduction to positive economics, EL BS, London, 1969.

2. Stonier & Hague: A Text book of Economics Theory, 9th ed., ELBS, London, 1973.

3. Paul Samuelson : Economics, Mcgraw Hill, Kogakushad, Tokyo, 1973.

4. N.C. Ray : Microeconomic Theory, Macmillan, Delhi, 1975.

5. D. Salvatore : Microeconomics.

6. A. Koutsoyiannis: Modern microeconomics.

Course Outcomes:

S. No	On completing the course, the students will be able to:
CO- 1	Learn about various definitions of Economics and the basic concepts related to Economics
CO- 2	Gain in depth knowledge on consumer behaviour
CO- 3	Understand theory of production, costs and revenue
CO- 4	Learn about various market forms, their features and equilibrium
CO- 5	Understand theories of distribution

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
English (Elective)
Course Code: BEEN-1106

Credit hours /week: 6   **Total Marks: 100**
Total hours: 90   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for Paper Setter and Distribution of Marks:
The question paper will consist of three sections and distribution of marks will be as under:
Section A: 15 Marks
Section B: 40 Marks
Section C: 20 Marks

Section–A

I.   **FIVE** questions, three from the play and two from the poems will be set. The answer to each should be in 5-7 sentences.   All questions are compulsory.   (5X2=10)
(5X2=10 Marks)

II. Transcription of monosyllabic words.   (10X1/2=5 Marks)

Section–B

I.   ONE question requiring the students to explain one of the two extracts/ dialogues from the play with reference to the context**.**   (1X5=5 Marks)
II.   THREE questions on the textual and thematic aspects of the prescribed play will be set and the students will attempt any TWO of these questions**.**   (2X5=10 Marks)

III. ONE question requiring the students to explain one out of the two stanzas from the prescribed poems with reference to the context.   (1X5=5 Marks)
IV. THREE questions on the textual and thematic aspects of the prescribed poems will be set and the students will attempt any TWO of these questions.   (2X5=10 marks)
V. Students are required to give detailed answer to any TWO literary terms out of the FOUR prescribed in the syllabus.   (2X5=10 marks)

Section–C

I. ONE essay type question, with internal choice, on theme, characterization, plot, tone, and style etc. will be set from the prescribed play**.**   (1X10=10Marks)

II. ONE essay type question, with internal choice, on central idea, theme, tone, and style etc. will be set from the prescribed poems.   (1X10=10Marks)

Course Objectives:

1. To read, interpret and write about diverse range of texts in English
2. To understand those texts analytically and critically
3. To understand those texts on the basis of careful reading
4. To participate in the critical and cultural discourses of English
5. To teach language and literature effectively with the support of ICT tools
6. To become competent, committed, conscious, creative, and compassionate human beings.
7. To train students to discern ethical principles and personal values in light of academic experience

Course Contents:
1. *A Doll's House* by *Henrik Ibsen* —Complete Text
2. *Spots of Time:* Poems at Serial No. 1,2,8,9,10,12,14,19
3. Literary Terms: Ballad, Character, Comedy, Conceit, Epic, Irony, Plot.
4. Recognition of Sounds: Vowels and Consonants.

Prescribed Books:
1. *A Doll's House* by Henrik Ibsen.
2. *Spots of Time,* G.N.D.U. Amritsar.
3. *A Glossary of Literary Terms* by M.H. Abrams, CENGAGE Learning Publishers, 8th Edn. 2008.
4. A Course in Phonetics and Spoken English, J. Sethi, P.V. Dhamija

Course Outcomes:

The teaching of this course enables the students to
1. Develop interest in reading and appreciation of literature.
2. Familiarise them with socio-political and cultural issues related to prescribed text.
3. Acquire Pronunciation Skills in English.
4. Enroll for Post graduation course in English.
5. Become creative writers and for jobs in media / journalism.

B.A. SEMESTER–I
Course Code: BEHI-1107
Elective Hindi

Credit hours /week: 6   **Total Marks: 100**
Total hours: 90   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

कोर्स का प्रयोजन / उद्देश्य (Course Objective)	कोर्स का फलागम / परिणाम (Course Outcomes)
इस कोर्स का मुख्य प्रयोजन विद्यार्थी को हिन्दी गद्य की विधाओं कहानी, एकांकी तथा निबन्ध की रूपरेखा तथा इन विधाओं के विभिन्न तत्वों की जानकारी देना है। हिन्दी व्याकरण तथा पत्रकारिता के उद्भव एवं विकास तथा विभिन्न क्षेत्रों में उसकी उपयोगिता का ज्ञान देना है। पठन–पाठन के अतिरिक्त विद्यार्थी में मौलिक– सृजन योग्यता का विकास करना है। विद्यार्थी के शब्द– भण्डार में वृद्धि करना है।	इस कोर्स के उपरान्त विद्यार्थी को हिन्दी गद्य की विधाओं की जानकारी होगी। विद्यार्थी के शब्द– भण्डार में वृद्धि होगी। विद्यार्थी मौलिक–सृजन लेखन में दक्ष होगा। विद्यार्थी पत्रकारिता के क्षेत्र में रोजगार पाने के योग्य होगा।

अंक विभाजन तथा प्रश्न.पत्र निर्माता के लिए आवश्यक दिशा.निर्देश :.

प्रश्न पत्र निर्माता द्वारा निर्धारित पाठ्यक्रम के अनुसार प्रत्येक खण्ड में से दो प्रश्न पूछे जाएंगे। कुल आठ प्रश्न पूछे जाएंगे। प्रत्येक प्रश्न के 15 अंक होंगे।
नोटः पारिभाषिक शब्दावली वाले प्रश्न में एक–एक अंक के कुल 15 शब्द दिए जाएंगे।

परीक्षार्थी के लिए आवश्यक दिशा निर्देश :–

परीक्षार्थी प्रत्येक खण्ड में से अनिवार्यतः एक प्रश्न का उतर देते हुए कुल पांच प्रश्नों का उतर देगा । पाँचवां प्रश्न किसी भी खण्ड में से किया जा सकता है। प्रत्येक प्रश्न के 15 अंक होंगे। प्रश्नोत्तर पाँच पृष्ठों तक सीमित हो।

निर्धारित पाठ्यक्रम :
खण्ड – क
पाठ्य–पुस्तक :
गद्यत्रयी : सम्पादक–डॉ० मधु सन्धु
प्रकाशक : गुरु नानक देव विश्वविद्यालय, अमृतसर।
निर्धारित रचनाएं :
कहानियाँ : सद्गति (मुंशी प्रेमचन्द), सिक्का बदल गया (कृष्णा सोबती)
एकांकी : टूटते परिवेश (विष्णु प्रभाकर), लक्ष्मी का स्वागत (उपेन्द्रनाथ अश्क)
निबन्ध : सामंजस्य की खोज : परम्परा और आधुनिकता (हजारी प्रसाद द्विवेदी),
कवियों की उर्मिला विषयक उदासीनता (महावीर प्रसाद द्विवेदी)
(सार, पात्र–परिचय, तत्वों के आधार पर समीक्षा संबंधी प्रश्न)
खण्ड – ख
आदर्श हिन्दी व्याकरण तथा सैद्धान्तिकी : डॉ. एच. एम. एल. सूद,
प्रकाशक : वागीश प्रकाशन, जालन्धर।
सैद्धान्तिकी : कहानी, एकांकी, निबन्ध : परिभाषा, स्वरूप तथा तत्त्व

B.A. (12+3 System of Education) (Batch 2022-25)

खण्ड – ग

व्यावहारिक व्याकरण : अशुद्धि संशोधन, शब्द युग्म

विज्ञापन–लेखन   किसी भी विषय पा विज्ञापन, प्रतिवेदन लिखने के लिए प्रश्न पूछा जाएगा।

प्रतिवेदन–लेखन

खण्ड – घ

पत्रकारिता : परिभाषा, स्वरूप, उपयोगिता तथा प्रकार

पारिभाषिक शब्दावली (सूची संलग्न है)

बैंकों में प्रयुक्त शब्दावली		शास्त्र और विद्याओं से सम्बन्धित शब्दावली	
Account	खाता	Agriculture	कृषि
Cheque	चेक, धनादेश	Anthropology	नृविज्ञान, मानव–विज्ञान
Current Account	चालू खाता	Archaeology	पुरातत्त्व विज्ञान
Debtor	देनदार	Astronomy	खगोल विद्या, खगोल विज्ञान
Depositor	जमाकर्ता	Dental Surgery	दन्त–शल्य–चिकित्सा
Exchange Bank	विनिमय बैंक	Biology	जीव विज्ञान
Fixed Deposit	सावधि जमा	Botany	वनस्पति विज्ञान
Guaranter	जमानतदार	Commerce	वाणिज्यशास्त्र
Instalment	किश्त	Economics	अर्थशास्त्र
Investment	निवेश, विनियोग	Engineering	अभियांत्रिकी
Ledger	बही	Ethics	नीतिशास्त्र
Lease	पट्टा	Forestry	वनिकी
Pawn	गिरवी	Geography	भूगोल
Payee	पाने वाला	Mythology	पुराणशास्त्र, मिथक शास्त्र
Payable	देय	Neurology	तंत्रिका विज्ञान
Payment	भुगतान	Oriental Learning	प्राच्य विद्या
Refund	धन वापसी	Pedology	बाल विज्ञान
Release	निर्मोचन, छोड़ना	Penology	दंडशास्त्र
Re-Monetization	पुनर्मुद्रीकरण	Philosophy	दर्शनशास्त्र

Rental Value	लगान मूल्य	Psychology	मनोविज्ञान
Withdrawal	वापसी, निकासी, आहरण	Psychiatry	मनोरोग विज्ञान
Borrower	उधारकर्ता	Statistics	सांख्यिकी
Transaction	लेन–देन	Surgery	शल्य चिकित्सा
Transfer	अंतरण	Technology	प्रौद्योगिकी
Validity	वैधता	Veterinary Science and Animal Husbandry	पशु चिकित्सा तथा पशुपालन विज्ञान

B.A. (12+3 System of Education) (Batch 2022-25)
B.A. SEMESTER–I
Course Code: BPBI-1103
ਚੋਣਵੀਂ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 06   ਕੁੱਲ ਅੰਕ: 100
ਕੁੱਲ ਘੰਟੇ: 90   ਥਿਉਰੀ ਅੰਕ: 75
ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 25

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹਨ। ਪ੍ਰੀਖਿਅਕ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।
ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ-ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75 + 25 = 100 ਹਨ।

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective

* ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਸਾਹਿਤਕ ਰੁਚੀ ਨੂੰ ਵਧਾਉਣਾ।
* ਸਾਹਿਤ ਸਿਰਜਣਾ ਦੀਆਂ ਸੰਭਾਵਨਾਵਾਂ ਪੈਦਾ ਕਰਨਾ।
* ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਦੇ ਅਹਿਮ ਪੱਖਾਂ ਸੰਬੰਧੀ ਗਿਆਨ ਨੂੰ ਵਧਾਉਣਾ।
* ਵਿਦਿਆਰਥੀ ਨੂੰ ਆਲੋਚਨਾਤਮਕ ਵਿਸ਼ਲੇਸ਼ਣ ਦੇ ਕਾਬਲ ਬਣਾਉਣਾ।

ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)

* ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀਆਂ ਵਿਭਿੰਨ ਵਿਧਾਵਾਂ ਤੋਂ ਜਾਗਰੂਕ ਹੋਵੇਗਾ।
* ਵਿਭਿੰਨ ਸਾਹਿਤਕ ਪਾਠਾਂ ਤੋਂ ਪ੍ਰਾਪਤ ਜਾਣਕਾਰੀ ਵਿਦਿਆਰਥੀ ਦੀ ਸ਼ਖਸੀਅਤ ਉਸਾਰੀ ਵਿਚ ਅਹਿਮ ਭੂਮਿਕਾ ਨਿਭਾਏਗੀ।
* ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਪਾਠਗਤ ਤੇ ਵਿਹਾਰਕ ਅਧਿਐਨ ਦੀ ਮੁਹਾਰਤ ਪੈਦਾ ਹੋਵੇਗੀ।
* ਭਾਸ਼ਾਈ ਬਾਰੀਕੀਆਂ ਵਿਦਿਆਰਥੀ ਗਿਆਨ ਵਿਚ ਵਾਧਾ ਕਰਨਗੀਆਂ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਸੁਖਨ ਦੇ ਸੂਰਜ (ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ-ਸੰਗ੍ਰਹਿ: 1901-1995)
ਡਾ. ਬਲਜੀਤ ਕੌਰ ਅਤੇ ਡਾ. ਟੀ. ਡੀ. ਜੋਸ਼ੀ (ਸੰਪਾ.), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
ਕਵੀ: ਭਾਈ ਵੀਰ ਸਿੰਘ, ਪ੍ਰੋ. ਪੂਰਨ ਸਿੰਘ, ਮੋਹਨ ਸਿੰਘ, ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ, ਬਾਵਾ ਬਲਵੰਤ, ਸ਼ਿਵ ਕੁਮਾਰ, ਜਗਤਾਰ, ਪਾਸ਼, ਸੁਰਜੀਤ ਪਾਤਰ
(ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ/ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ)

ਭਾਗ-ਦੂਜਾ

ਸੂਰਜਾਂ ਦੇ ਹਾਣੀ
ਉਜਾਗਰ ਸਿੰਘ ਕੰਵਲ, ਚੇਤਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ।
(ਨਾਵਲ ਦਾ ਸਾਰ/ਵਿਸ਼ਾ-ਵਸਤੂ/ਬਿਰਤਾਂਤਕ ਜੁਗਤਾਂ/ਪਾਤਰ ਉਸਾਰੀ)

ਭਾਗ-ਤੀਜਾ

ਭਾਰਤੀ ਕਾਵਿ-ਸ਼ਾਸਤਰ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਸੰਪ੍ਰਦਾਵਾਂ
(ਧੁਨੀ ਸੰਪ੍ਰਦਾਇ, ਰਸ ਸੰਪ੍ਰਦਾਇ, ਅਲੰਕਾਰ ਸੰਪ੍ਰਦਾਇ)

ਭਾਗ–ਚੌਥਾ

(ੳ) ਅਰਥ ਵਿਗਿਆਨ: ਪਰਿਭਾਸ਼ਾ, ਸਫੋਟ ਅਤੇ ਅਪੋਹ ਸਿਧਾਂਤ

(ਅ) ਅਰਥ ਆਧਾਰਿਤ ਸ਼ਬਦ ਵੰਨਗੀਆਂ: ਬਹੁਅਰਥਕ, ਸਮਾਨਅਰਥਕ, ਵਿਰੋਧਅਰਥਕ ਸ਼ਬਦ, ਅਰਥ ਪਰਿਵਰਤਨ

B.A. SEMESTER–I
Course Code: BFAA-1109
Fine Arts
Paper-A: History of Indian Painting (Theory)

Credit hours /week: 2   **Total Marks: 100**
Total hours: 30   **Paper A:Theory Marks: 35**
Time: 3 Hours   **Internal Assessment Marks: 25**

Note: Instructions for the Paper Setters:

35 Marks for the theory paper and 20 marks for each practical
The question paper will cover the entire syllabus.
Questions should be based on world famous paintings and sculptures whose slides are easily available.
Question paper should cover the syllabus uniformly.
The paper setter should set the paper in two sections, A and B.
The division of the marks will be as under.

Section-A: 10 marks for 10 objective questions. Each question carries 1 mark.
Section-B: 25 marks for 5 questions. The examiner will set 8 questions. The candidate will attempt 5 questions of 5 marks each.

Course Objectives:
This paper aims to shape the delicate minds of the new comers toward being sensitive, sensible with critical bent and acquiring the basic of fine arts through the 'Indian Art History'
Evaluate the process of Prehistoric art in India with its geographical areas with special reference to Bhim Bhetka caves.
The student will identify & describe the emergence of the earliest Indus Valley Civilization in India.
The paper provides an opportunity to the students to improve their creative skill with six limbs of Indian painting (Shadanga).
It will enable the students to understand the composition, Classical Mural tradition of Ajanta paintings & technique.

Unit-I
Six limbs of Indian Painting (Shadanga)
Elements of Art: Line, Colour, Form, Texture, Light and Shade

Unit-II
Principles of Art: Perspective, Proportion, Rhythm, Balance, Harmony, Dominance
Unit-III
Classical Mural Tradition
Ajanta Paintings: Its technique, Subject Matter, Characteristics, its Paintings
     (i) Bodhisattva Padampani
     (ii) Mother and Child before Buddha
     (iii) Chhadanta Jataka
     (iv) Dying Princess
     (v) Dream of Maya

Unit-IV

Pre–historic Paintings: Bhim Bhetka Caves
Indus Valley Civilization: Its town planning and Sculptures
    (i) Dancing Girl
    (ii) Priest
    (iii) Mother Goddess
    (iv) Pashupati Seal

Suggest Readings:

A Brief History of Indian Painting; Publisher- Goel Publishing house; Author- L.C. SHARMA.
The Principles and elements of art and design; Publisher- Royal fireworks press; Author- Michael Desiano.
A Concise History of Indian Art; Publisher- Thames and Hudson; Author-Roy C. Craven.
The Shrines of ancient India; Publisher- Abhinav Publications; Author- V. Ksubermanian.
The Ajanta Caves early Buddhist painting from India; Publisher- Fontana unesco art books; Author- Benjamin Rowland.

Course Outcomes:

Acquire basic knowledge on painting and sculptures.
Know from where the history of Art started in our country.
Focus on the basic principles and techniques of Art.
Use innovative approaches to generate ideas with in boarder socio-cultural perspectives.
Understand the function of visual art period covered in the course.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Course Code: BFAB-1109
Fine Arts
Paper–B: Still Life (Practical)

Total Hours: 30 hrs.   **Paper-B Marks: 20**
Time: 5 Hrs.   **Credit Hours (per week): 2 hrs.**

Course Objectives:
1. Create and implement the concepts and basic principles of still life.
2. It helps develop fine motor skills and memory retention.
3. Students learn about the objects pictured in still life.
4. Students would learn how to capture a drawing such as what is in the foreground and what is in the background.
5. Students learn drawing is a great way to learn how to create 3D forms using teaching methods and using lighting to develop scenes.

Objects to Study: Proportion, Volume, Texture, Study of Light and Shade.
Number of Objects: Three objects excluding drapery.
Medium: Oil/Water/Pastel Colours
Size: ½ Imperial
Candidates will submit:-
   (i) 5 sheets of each paper
   (ii) Sketch book containing 50 sketches.

Course Outcomes:
   1. Learn the basics of drawing and colour application.
   2. Get the basic knowledge of composition
   3. Understand the elements of art practically while studying the objects in front.
   4. Develop and strengthen the natural level of drawing ability.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Fine Arts
Course Code: BFAC-1109
Paper–C: Letter Writing (Practical)

Total Hours: 30 hrs.   **Paper-C: Marks: 20**
Time: 5 Hrs.   **Credit Hours (per week): 2 hrs.**

Course Objective:

1. Improving confidence is one of the reasons why handwriting is important because it boosts self-confidence.
2. Letter writing is taught to students through different mediums.
3. It is taught to students that design should be based on natural, decorative and geometrical motifs.
4. It helps us make sense of our thoughts and promotes critical thinking.
5. The students exhibited their writing skills through different forms of calligraphic fonts.

Study of different styles of alphabets
Creative writing of different styles
Language: Any
Medium: Poster Colours / Indian ink
Size: ½ Imperial
Candidates will submit:-
   (i) 5 sheets of each paper
   (ii) Sketch book containing 50 sketches.

Course Outcomes:
1. Get knowledge on basic calligraphy.
2. Learn each and every alphabet of different languages
3. Understand the techniques and treatments of drawing
4. Get one or more media to complete the technical and formal challenges pertinent to a body of original work.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Geography
Course Code-BGEO-1119
Physical Geography–I
Geomorphology
(Theory)

Credit hours (per week): 4   **Max. Marks: 100**
Total hours: 60   **Theory Marks: 45**
Time: 3 Hours   **Practical Marks: 30**
                                                                    Internal Assessment: 25

Instructions for the Paper Setters:

A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt any 5 questions in about 20– 30 words each. Each question will carry 1marks (Total 5 marks).

The whole syllabus will be divided into 4 units. Eight questions will be set out of the whole syllabus, 2 from each unit. The students will be required to attempt one question from each unit. Each question carrying 10 marks. These will be in addition to the compulsory question at serial number 1 (Total 40 marks).

Special credit will be given to suitable use of maps and diagrams.

Course objectives:
To understand the process that shape landforms around us. To apply geomorphological concepts to problems of slope instability and try to identify the factors responsible for landslides occurance in various environment.

UNIT–I
Definition: Geography, geomorphology, climatology, oceanography
Theories of the Origin of the Earth: Kant, Laplace and Jeans & Jeffreys
 Major Landforms: Mountains, plateaus and plains in the world

UNIT–II
Movements of earth: Folding and faulting
Continental drift theory: with special reference to Wegener's theory and Plate Tectonic

UNIT-III
Rocks: Their origin, classification and characteristics.
Earthquake and volcanoes: Causes, effects, types and Distributions.

UNIT–IV
Geomorphological landscapes: Fluvial, Glacial, Aeolian,   coastal.

Books recommended

Chawla, I.N.: Bhautik Bhugol (in Punjabi), Bharat Prakashan, Jalandhar.

Dayal, P.: A Text Book of Geomorphology, Rajesh Publications New Delhi, 2007.

Dury, G.H.: The Face of the Earth Penguin, Middlesex, England, 1977.

Gass, I.G.: Understanding the Earth, The Artemrs Press, Sussex, 1973.

Holmes Arthur: Principles of Physical Geology, Thomas Nelson & Sons, Ltd., New York, Latest Edition, 1993.

Kale, V. and Gupta A.: Elements of Geomorphology, Oxford University Press, Calcutta, 2001.

Kaur Dhian: The Earth, Edited by R.C. Chandna, Kalyani Publishers, Ludhiana, Delhi, 2000.

Nizamuddin: An Introduction to Physical Geography, Concept, New Delhi, 2002.

Mamoria, C.P. and Niati, J.L.: Bhautik Bhugol Ke Tatwa (in HindiAgra, 1976.

Monkhouse, F.J.: Principles of Physical Geography, Orient Longman, New Delhi, Latest Edition, 1975.

R.N. Tikha: Physical Geography, New Academic Publishing Co., Jalandhar.

Singh, Pritam &Bhatia S., Bhautik Bhugol De Adhaar, PunjabiUniversityPublication, Patiala.

Singh, Savinder: Physical Geography, Pravalika Publications, Allahabad, 2015.

Sparks, B.W.: Geomorphology, Longman, London, 1986.

Strahler, A.N. & Strahler A.H.: Modern Physical Geography,John Wiley, New York, 1992.

Thornbury, W.D.: Principles of Geomorphology, Second Edition, Wiley Eastern Ltd., New Delhi, 1993.

Singh Malkiat: Principles of Physical Geography, Rasmeet Parkashan, Jalandhar, 2005, Reprint

Course outcomes:	
Sr. No.	On completing the course, the students will be able to:
CO-1	Understand the landforms in systematic way.
CO-2	Gain knowledge on the influence of various types of rocks on the development and evolution of the landforms.
CO-3	Study landforms and the related processes from the traditional concept to the contemporary development in geography.

B.A. SEMESTER–I
Geography
Course Code-BGEO-1119
Geography
Cartography-I (Practical)

Credit hours (per week): 2   Max. Marks: 30 Written
Time: 3 Hours   Paper: 15 Marks
Practical Record (File): 08 Marks
Viva: 07 Marks

Course Objectives
Geography is amalgam of physical as well as social sciences and such as it is necessary for the students to go through laboratory exercises. The concept of scale is to be understood in the initial stage and also different methods of representing relief.

UNIT–I
Maps and Scale: History of Cartography and types of maps, Scales: types of scales, methods of construction of graphic scales–plain scales, diagonal scales and comparative scales– different units, time scales.

UNIT–II
Representation of Relief:
Spot heights, trigonometrically stations, Bench Marks, from Lines, Contours, Hachures, Hill–shading and Layer tints.

Note:
A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt 6 short answer type questions in about 25–30 words each. Each short answer type question will carry ½ marks **(Total 3 marks).**
The whole syllabus will be divided into 2 units. Eight questions will be set out of the whole syllabus, four from each unit. The students will be required to attempt two questions from each unit. Each question will carry 3 marks. These will be in addition to the compulsory question at serial number **1 (Total 12 marks)**
Evaluation of Practical record will be done at the time of viva–voce examination. A minimum of 12 sheets are to be prepared by the students in each semester.
In case the candidate has applied for the improvement, he/she should be required to make a fresh practical note book.
For practical classes, the number of students in one group shall not exceed fifteen.
Recommended Books:

Khullar, D.R.: Essentials of Practical Geography, NewAcademic Publishing Co., Mai Hiran Gate, Jalandhar, 2016.
Singh, Gopal: Mapwork and Practical Geography, Vikas Publishing House, Pvt. Ltd., New Delhi,1995.
Singh L.R. &Singh, Raghunandan: Mapwork and Practical Geography, Central Book Depot,Allahabad, 1993.
Phyllis Dink: Mapwork, Atma Ram & Sons, 1991.

Further Readings:

Mishra, R.P. & Ramesh, A.: Fundamental of Cartography, Concept Publishing Co., NewDelhi, 1989.
2. Monkhouse, F.J. & Wilkinson, H.R.: Maps and Diagrams, Methuen & Co., London, Third Edition, 1976.
Robinson, A.H. & Randall, D. Sale: Elements of Cartography, John Wiley & Sons, New York, (SixthEdition), 1995.

Course outcomes:	
Sr. No.	**On completing the course, the students will be able to:**
CO-1	Development the skills of map making and its importance
CO-2	Development of observation skills.
CO-3	Recognize basic themes of map making

B.A. SEMESTER–I
History
Course Code: BHIS-1110
History of India upto A.D. 1000

Credit hours /week: 4   **Total Marks: 100**
Total hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setters:
Section–A: The examiner will set 8 questions from entire syllabus and the candidate will attempt 5 questions carrying 3 marks each. Answer to each question shall be in about 100 words. The total weightage of this Section will be 15 marks.
Section–B: The examiner will set 8 questions, two from each Unit. The candidate will attempt 4 questions selecting one from each Unit in about 1000 words. Each question will carry 15 marks. The total weightage of this Section will be 60 marks.

Important Note: Paper Setter must ensure that questions in Section–A do not cover more than one point, and questions in Section–B should cover at least 50 per cent of the theme. **The Paper Setter is to set the question paper in three languages i.e. English, Punjabi & Hindi.**

Course Objectives:
The main objective of this course is to familiarize the students with the different sources to know the History of Ancient India. It intends to provide knowledge of social, economic, religious and political life of people of Indus Valley Civilization and Indo- Aryans. It aims to discuss origin, teachings and impact of Jainism and Buddhism. It also intends to discuss main features of polity, economy and society of Ancient Indian dynasties such as Mauryans, Khushans, Guptas, Vardhanas, Cholas and Rajputs.

Unit – I
Sources: Meaning of the term 'ancient'; Literary Sources: Vedic literature; Epics and Puranas; Buddhist and Jain Texts; Sangam literature; Accounts of Indians and Foreigners; Archaeological Sources: Coins, Inscriptions and Monuments
The Indus Civilization: Origin; Harappa and Mohenjodaro; Political Organization; Town–Planning and Architecture; Agriculture; Technology; Trade Contacts with the Outside World; Religion; Script; Seals and Figurines; Causes of Disintegration.

Unit – II
The Indo Aryans: Original Home; Geographical area known to Vedic Texts; Social Institutions: Family, Varna and the Caste System; Religious Ideas and Rituals; Economy; Political Organization; Changes in the later Vedic Period; Emergence of the Republics and kingdoms; Growth of Towns
Jainism and Buddhism: Social and Political Conditions; Doctrines of Jainism and Sectarian Development; Teachings of Gautam Buddha; The Sangha Organization; Spread of Buddhism, its Decline; Legacy of Buddhism and Jainism

Unit-III
The Age of the Mauryas: Establishment of the Mauryan Empire; Expansion of the Empire under Ashoka; the Kalinga War; Polity and Administration; Contacts with Neighbouring States; Ashoka'sDhamma; Decline of the Mauryan Empire
The Kushanas: Kanishka and his Successors; Mahayana Buddhism; Ghandhara Art; Literature.

The Gupta Age: Establishment of the Gupta Empire; its Expansion under Samudragupta and Chandragupta–II; Administration; Revenue System; Trade and Commerce; Art and Architecture; Literature and Philosophy;Science and Technology. The Huna Invasions and the Decline of the Gupta Empire.

Unit – IV

The Age of the Vardhanas: Establishment of Vardhana Kingdom; Harsha's Campaigns and Political Relations; Sources of Revenue; Patronage of Religion, Literature and Education
The Cholas: Important Centres of Power in the South; Establishment of the Chola Power; Extent of the Chola Empire; Administration; Economy; Trade; Art and Architecture; Religion and Philosophy. **The Rajputs:** Origin; Polity and Administration; Social and Religious life; Literature and Art

Readings:
A.L. Basham, *The Wonder That Was India*, Rupa& Co, Calcutta, 1992.
R.S.Chaurasia, *History of Ancient India: Earliest- Times to 1200 A.D.*, AtlanticPublishers, New Delhi, 2008.
D.N.Jha, *Ancient India: An Historical Outline,*Manohar, 2nd(rev. ed.), Delhi, 2005
K.L.Khurana, *History of India (From Earliest Times to 1526A.D),*Lakshami Narain Agarwal, Agra,1994.
R.C.Majumdar, *The Vedic Age*, Mumbai, 1971.
Animesh Mullick, *Ancient Indian History*, Wisdom Press, New Delhi, 2012.
K.A. Sastri Nilakantha, (ed.), *The Age of the Nandas and Mauryas*, Varanasi, 1952.
H.C. Ray Chaudhari, *The Political History of Ancient India*, Delhi, 1996.
R.S. Sharma, *India's Ancient Past*, Oxford University Press, Delhi, 2005.
RomilaThapar, *Ashoka and the Decline of the Mauryas*, (2nd ed.), OUP, Delhi, 1997.
_____, *Early India from the Origin to A.D. 1300*, Penguin, London, 2002.
R. Thomas Trautmann, *India: Brief History of Civilization*, Oxford University Press, New Delhi, 2011.

Course Outcomes:
After completion of the course, the students will be able to learn:

CO-1 Study about the different sources to construct the Ancient Indian History.
CO-2 Understand the social, economic, religious and political life of people of Indus Valley Civilization
     and Vedic-Aryans.
CO-3 Learn the origin, teachings and impact of Jainism and Buddhism.
CO-4 Study about the polity, economy and society of Ancient Indian dynasties.
CO-5 Understand the richness of art and architecture, literature and philosophy, science and technology of Ancient India

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Mathematics
Course Code: MAT-111A
Algebra

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 38 Marks**
Time:- 3 Hours   **Internal Assessment: 12 Marks**

Medium: English
Instructions for the Paper Setters:

The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D and E from Unit-I, II, III and IV, respectively. The Section–A will consists of eight compulsory questions, each of one mark.
The Section–B, C, D& E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks. Teaching time for this paper would be six periods per week.

Course Objectives:
Students will be able to solve problems based on matrix algebra, vector spaces, eigen values and eigen vectors, Cardon's and Descarte's methods of solving a system of equations and inequalities.

Course Content:
Unit-I
Linear independence of row and column vectors. Row rank, Column rank of a matrix, Equivalence of column and row ranks, Nullity of a matrix, Applications of matrices to a system of linear (both homogeneous and non–homogeneous) equations. Theorems on consistency of a system of linear equations.
Unit-II
Eigen values, Eigen vectors, minimal and the characteristic equation of a matrix. Cayley Hamilton theorem and its use in finding inverse of a matrix. Quadratic Forms, quadratic form as a product of matrices. The set of quadratic forms over a field.
Unit-III
Congruence of quadratic forms and matrices. Congruent transformations of matrices. Elementary congruent transformations. Congruent reduction of a symmetric matrix. Matrix Congruence of skew–symmetric matrices. Reduction in the real field. Classification of real quadratic forms in variables. Definite, semi–definite and indefinite real quadratic forms. Characteristic properties of definite, semi–definite and indefinite forms.
Unit-IV
Relations between the roots and coefficients of general polynomial equation in one variable. Transformation of equations and symmetric function of roots, Descarte's rule of signs, Newton's Method of divisors, Solution of cubic equations by Cardan method, Solution of biquadratic equations by Descarte's and Ferrari's Methods.

Books Prescribed:

K.B. Dutta: Matrix and Linear Algebra, Prentice Hall of India Pvt. Ltd., New Delhi (2002).
H.S. Hall and S.R. Knight: Higher Algebra, H.M. Publications, 1994.
Chandrika Parsad: Text book on Algebra and Theory of Equations, Pothishala Pvt. Ltd., Allahabad.

Course Outcomes: On completing the course, the students will be able to:
solve problems based on matrices, vector spaces, eigen values and eigen vectors,
recognize consistency and inconsistency of linear equations.
Understand the relation between roots and coefficients.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Mathematics
Course Code: MAT-111B
Calculus and Trigonometry

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Medium: English
Instructions for the Paper Setters:

The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D and E from Unit-I, II, III and IV, respectively.
The Section–A will consists of SEVEN compulsory questions, each of one mark.
The Section–B, C, D& E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
Teaching time for this paper would be six periods per week.

Course Objectives:

Calculus has widespread applications in science, economics, and engineering and can solve many problems for which algebra alone is insufficient.
Trigonometry is a branch of mathematics that studies relationships between side lengths and angles of triangles.
Students will apply calculus and Trigonometry in areas such as geodesy, surveying, celestial mechanics, and navigation.
Students will learn relationships to other branches of mathematics, in particular complex numbers, infinite series, logarithms and calculus.

Course Content:
Unit-I
Real number system and its properties, lub, glb of sets of real numbers, limit of a function, Basic properties of limits, Continuous functions and classification of discontinuities, Uniform continuity.
Unit-II
Differentiation of hyperbolic functions, Successive differentiation, Leibnitz theorem, Taylor's and Maclaurin's theorem with various forms of remainders, Indeterminate forms.
Unit-III
De–Moivre's Theorem and its applications, circular and hyperbolic functions and their inverses.
Unit-IV
Exponential and Logarithmic function of complex numbers, Expansion of trigonometric functions, Gregory's series, Summation of series.

Books Prescribed:

N. Piskunov: Differential and Integral Calculus, Peace Publishers, Moscow.
Gorakh Prasad: Differential Calculus, Pothishala Pvt. Ltd., Allahabad.
Erwin Kreyszig: Advanced Engineering Mathematics, John Wiley and Sons, 1999.
Shanti Narayan and P.K. Mittal: Differential Calculus, S Chand & Company.
Shanti Narayan and P.K. Mittal: Real Analysis, S Chand & Company.
Rajinder Pal Kaur:Calculus, First world Publication, Ludhiana.

Course Outcomes: On completing the course, the students will be able to:

understand the relationships between side lengths and angles of triangles.
understand Calculus as a major part of contemporary mathematics education.
Have knowledge in applications in science, economics, and engineering and students can solve many problems for which algebra alone is insufficient.
Calculate the limit and examine the continuity of a function at a point.
Develop intricate relationships to other branches of mathematics, in particular complex numbers, infinite series, logarithms and calculus.

B.A. SEMESTER–I
Music (Vocal)
Course code: BMUV-1117-A
(THEORY)

Credit hours /week: 2   **Total Marks: 100**
Total hours: 30   **Theory: 35 Marks**
Time: 3 Hours   **Practical Marks: 40**
                                                             Internal Assessment: 25 Marks

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.

The paper setter should set the paper into two sections A and B.

Section –A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.

Section-B: The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.

Program Objective: student will gain skills in and understanding of analysis a composition of music in the style of common practice period. Student will gain musicianship skills in both aural perception and sight singing relative to music in the style of common practice period. To gain musical terminology student gain advance knowledge in theory literature music technology or other electives.

Section-A

Method of tuning your instrument (Tanpura).

Definition and explanation of the following Musical Terms: Sangeet, Swar, Naad, Saptak, Jati.

Section-B

Contribution and Life Sketches of the following musicians: Tansen, Swami Hari Das, Abdul Karim Khan.

Elementary knowledge of Wedding Song of Punjabi culture with special reference to Ghorian.

Section-C

Description and notation of the following Ragas: Bilawal, Khamaj, Bhopali.

Description and notation of the following Taals: Teentaal, Dadra.

Section-D

Contribution of Sri Guru Nanak Dev Ji towards Indian Music.

Definition and explanation of the following terms in the context of Gurmat Sangeet: Raga, Mohalla, Rahao, Rababi.

Books Recommended:

Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.
Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.
Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.
Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.
Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978
Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.
Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991
Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

Get basic knowledge of Swar Naad saptak jati
Know about great musicians and scholars of Indian music.
Get brief knowledge of ragas as well as practical knowledge of Indian music..
Know about rhythm and the introduction of string instrument in theory and practical form.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A SEMESTER-1
Music (Vocal)
Course code: BMUV-1117-B
(PRACTICAL)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

Time: 20 Minutes for each student

One Drut Khayal in each of the following Ragas with simple Alaps and Tanas: Bilawal, and Bhopali.
One Sargam Geet from prescribed Ragas.
Ability to play five alankars on the Harmonium based on the Bilawal Thata.
Ability to recite Teen tal and Dadra showing Khali Tali with hand motion in Ekgun, Dhugan Layakaries.
Recitation of Ghorian.
Knowledge of the following non-detailed Ragas: Alahaiya Bilawal and Deshkaar.

Books Recommended:

Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.
Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published by Punjabi University, Patiala. 1972.
Vasant ,*Sangeet Vishard*, Sangeet Karayalya, Hathras .2013.
Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak .27 Mahajani Tola, Allahabad. 1972.
Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978
Vishnu Narayan Bhathkhande, *Kramik Pustak Malika* .Sangeet Karyalaya, Hathras (U.P). 1970.
Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala.1991
Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*,Unistar Book PVT. Chandigar

B.A. SEMESTER-I
Music (Instrumental)
Course code: BMUI-1118-A
(THEORY)

Credit Hours (per week): 2	**TotalMarks:100**
Total Hours: 30	**Theory Marks:35**
Time:3Hours	**Practical Marks:40**
	Internal Assessment : 25

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

I. While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.
II. The paper setter should set the paper into two sections A and B.
III. **Section –A:** First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.
IV. **Section-B:** The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.

Program Objective:
To impart the theoretical knowledge about various technique and terms of instrumental music. To give the information of the great musician of instrumental music and introduction of ragas and talas.

Section-A
1. Define Raag, Explain its Rules and Jatis.
2. History of your own instrument.

Section-B
3. Brief knowledge of the following Ragas:- Shudh Kalyan and Deshkar.
4. Brief knowledge of the following Talas: - Teentaal and Dadra taal.
5. Contribution of Guru Arjun Dev Ji towards Indian music.
6. Definition and explanation of the following terms in the context of Gurmat Sangeet: Raga, Mohalla, Rahao.

Section-C
7. Define laya and taal, its types and features:- vibhag, matra, taali, khali, sam.
8. Definition and Explanation of the following musical terms: - Sangeet, Shruti, Swar, Saptak, Aaroh, Avroh, Pakad and Thata

Section-D

9. Life-Sketch and Contribution of the following musicians :- Pt. Ravi Shankar, Prof. Tara Singh.

10. Description and Notation of the following ragas :-

    Bilawal,Bhopali.

Books Recommended:

1. Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2. Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.

3. Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.

4. Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.

5. Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6. Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.

7. Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991

8. Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Learn to improvise raga and ability to play gatt.

CO-2. Have great command over instruments.

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B.A. SEMESTER–I
Music (Instrumental)
Course code: BMUI-1118-B
(Practical)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

Time: 20 Minutes for each student

1. Ability to play Ten Alankars of Bilawal Thaat on your Instrument.
2. One Razakhani Gat in each of the following ragas with Tora: Raag Kalyan, Bhopali.
3. Ability to recite Teen taal and Dadra taal on hand in ekgun and dugun layakaries.
4. Ability to play any Dhun.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Course Code: BPED-1115
Physical Education

Credit Hours (per week): 4   **TotalMarks:100**
Total Hours: 60   **Theory Marks:45**
Time:3Hours   **Practical Marks:30**
                                                               Internal Assessment: 25

Instructions for the Paper Setters:

Part A: Set 5 questions of very short answer type questions selecting at least one from each section. All questions are compulsory. Each question carries 2 marks.   5×2 Marks =10 Marks
Part B: Divide into 4 sections. Set 10 questions of long answer type selecting at least two from each section. Each question carries 5 marks.   7×5 Marks=35 Marks

Instructions for the candidates:
Part A: All questions are compulsory. Each question carries 2 marks.   5×2 Marks =10 Marks
Part B: Candidates have to attempt 7 Questions out of 10.
Each question carries 5 marks.   7×5 Marks=35 Marks

Course Objective:
- **To create awareness of general fitness among students.**
- **To inform students about basic principles related to his/her boby.**
- **To aware students about importance of general education and its importance.**

Section A
1. Definition of the terms: Education, Physical Education, Physical Training and Coaching.
2. Aims and Objectives of Physical Education.
3. Relationship of Education and Physical Education.

Section B
4. Biological Principles:
(a) Growth and Development.
(b) Age and sex differences.
(c) Effects of heredity and environment on growth and development.
(d) Chronological age, Physiological age, Anatomical age and Mental age.
(e) Body types.

Section C
5. Development of Physical Education and Sports in India.
(a) PER–Independence (b) Post– Independence   (c) Sports Schemes in India
Major Sports Organizations:
(i) N.S.N.I.S. (ii) Sports Authority of India.
(iii) Punjab Sports Department. (iv) Punjab State Sports Council.

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Section D

6. Major international tournaments.

(a) Olympic Games: (i) Ancient Olympics (ii) Modern Olympics.

(b) Commonwealth Games.

(c) Asian Games

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B.A. SEMESTER–I
Physical Education (Practical)

Practical (External) Marks: 30

- o **Athletics Performance** ———————— 100M, Shot–put for Boys: 6 marks
- o **Games (Boys & Girls)** —— **Fundamentals, Rules, Performance**
- o Volleyball, Cricket: 6 marks
- o **Viva:** : 6 marks
- o **Practical file**: : 6 marks
- o **Specific game performance**: 6 marks

Suggested Readings:

- Barrow, H.M. Man and His Movements: Principles of Physical education, Lea and Febiger,1973, Latest Edition.
- Reverse, R.S., Foundations of Physical Education Houghton Mifflin Co. Boston, 1978, Latest Edition.
- Bucher, C.S. Foundations of Physical Education 5th Edition, 1968, at Louis C.V. Mosby. C.
- Singh Kanwaljeet and Singh Inderjeet: Sports Sociology, Friends Publication, New Delhi, 2000.
- Tadan D.K. et al,: Scientific basis of Physical Education and Sports, Friends Publication, New Delhi, 2001.
- Singh Ajmer and Gill Jagtar: Essentials of Physical Education and Olympic Movement, Kalyani Publishers, Ludhiana, 2004.
- Kang G.S. and Deol N.S.: An Introduction to Health and Physical Education 21st Century, Patiala,

Sr. No.	On completing the course students will be able to:
CO1	Become aware of general fitness.
CO2	Learn about the concept of kinesthetic perception
CO3	Understand education and its importance
CO4	Understand about how sports develop in India
CO5	Gain knowledge regarding different international sports events

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B.A. SEMESTER–I
Political Science
Course Code: BPOL-1113
Political Concepts

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The purpose of the course is to develop understanding about the basic political concepts; provide knowledge about the political structures, institutions and the process of government in historical as well as present context; enable the students to become good citizens by enlightening them about rights, liberties and obligations.

UNIT–I

1. Political Science: Meaning, Nature and Scope.
2. Relationship of Political Science with Economics, History and Sociology.

UNIT–II

3. State: Meaning and Elements.
4. Government: Organs and Forms (Parliamentary, Presidential, Unitary and Federal).
5. Power &Authority: Meaning, Features & Types.

UNIT–III

6. Rights: Meaning, Types and Safeguards.
7. Liberty: Meaning, Types and Safeguards.
8. Equality: Meaning and Types, Relationship between Liberty and Equality.

UNIT–IV

9. Political System: Meaning, Characteristics and Functions.
10. Political Culture: Meaning, Features, Components and Types.
11. Political Socialisation: Meaning, Features and Agencies.

Books Recommended:-

1. A.C. Kapur, *Principles* of *Political Science,* New Delhi: S. Chand & Company, 2014.
2. Appadorai, *The Substance of Politics,* New Delhi: Oxford University Press, 2005.
3. Andrew Heywood, *An Introduction to Political Theory*, New Delhi: Palgrave Publications, 2012.
4. Andrew Heywood, *Key Concepts in Politics,* New York: Palgrave Macmillan, 2000.
5. Andrew Heywood, *Politics,* New York: Palgrave. 2002.
6. Eddy. Asirvatham, *Political Theory*, New Delhi: S. Chand & Company, 2015.
7. J. C. Johari, *Principles of Political Science,* New Delhi: Sterling Publishers, 2007.
8. Leftwich, A. *What is Politics: The Activity and Its Study*, Cambridge: Polity Press.
9. M.P. Jain, *Political Theory*, Delhi: Authors Guild Publication, 1989.
10. Mckinnon, C. *Issues in Political Theory.* Oxford/ New York: Oxford University Press. 2014.
11. O. P. Gauba, *An Introduction to Political Theory*, New Delhi: Macmillan India, 2006.
12. S.P. Verma, *Political Theory,* New Delhi: Geetanjali Publishing House, 2015.
13. Sushila Ramaswamy*, Political Theory: Ideas and Concepts,* New Delhi: Macmillan, India, 2003.

Course Outcomes:
CO-1 Makes the students fully conversant with the basic ideas of political science.
CO-2 Makes them aware about political concepts and political theory.
CO-3 Helps them in understanding and making distinction between basic political concepts like state and government.
CO-4 Apprises the students with the basics of the discipline such as democracy, rights, liberty, equality and justice etc.
CO-5 Enables them to understand new political concepts like political system, political culture and political socialization.

B.A. SEMESTER–I
Psychology
BPSY-1111
Basic Psychological Processes–I
(Theory)

Credit Hours (per week):4   **Max. Marks: 100**
Total Hours: 60   **Theory: 50 Marks**
Time: 3 Hours   **Practical: 25 Marks**
                                                 Internal Assessment: 25 Marks

Instructions for the Paper Setters:

Section A: This section will consist of ten short answer type questions, each carrying 2 marks. All questions will be compulsory. Answer to each question shall be in 50 words approximately. The total weightage of this section shall be 20 marks.

Section B: This section will consist of six questions. Candidates shall attempt any three questions. Each question carries 10 marks.

Note: The use of Non–Programmable calculators and Statistical Tables are allowed in the examination.

Course Objectives:

The overarching aim of this course is to build strong foundation of Psychology by imparting knowledge about schools of Psychology to students. They will be taught various methods to understand the dynamics of human thoughts, feelings and behaviors. They will get an overview of theories related to learning and intelligence and how these theories can impact their day-to-day life. They will also be imparted knowledge about the nature and uses of psychological tests.

UNIT-I

Nature: Psychology as a Science, Historical background of Psychology with brief introduction to schools (Structuralism, Functionalism, Psychoanalysis, Behaviorism, Gestalt and Humanistic).

Methods: Introspection, Observation, Experiment, Case Study, Interview and Questionnaire.

UNIT-II

Learning: Introduction to Learning, Nature/characteristics of Learning process, Trial and Error learning, Insight learning, A brief introduction to the concepts of Classical and Instrumental Conditioning (Paradigm and the typical experiments), Social/Observational learning.

Intelligence: Nature of Intelligence, Theories (Spearman and Thurstone), Cognitive Theories (Gardener and Sternberg), Concept of Emotional Intelligence, Nature and Nurture issue in Intelligence.

UNIT-III

Understanding Individual Differences: Nature and uses of Psychological Tests. Characteristics of Good Psychological Tests, Types of Psychological Tests (Verbal vs. Non-verbal test, Individual vs. Group, Speed vs. Power tests, Paper and Pencil Tests vs. Performance Tests, Essay vs. Objective type Tests), Ethical issues in Psychological Testing.

Measures of Central Tendency: Meaning and Characteristics of good measure of Central Tendency. Arithmetic Mean, Median, Mode with their merits and demerits.

Suggested Readings:

1. Aron, A., Coups, E.J., & Aron, E.N. (2012). *Statistics for Psychology*. New Delhi: Pearson Education.
2. Baron, R.A. (1996). *Psychology*. New Delhi: Prentice Hall of India.
3. Benjamin, Jr. L.T., Hopkings, J.R., & Nation, J.R. (1987). *Psychology*. New York: Mcmillan Publishing Company.
4. Chaplin, J.R., & Kraiwic, T.S. (1985). *Systems and Theories of Psychology*. New York: Holt, Rinehart and Winston, Inc.
5. Ciccarelli, S.K., & White, J.N. (2015) *Psychology.* Boston: Pearson Publishers.
6. Crooks, R.L., & String, J. (1988). *Psychology; Science, Behavior and Life.* New York: Holt Rinehart and Winston, Inc.
7. Jain, S. (2001). *Introduction to Psychology*. New Delhi: Kalyani Publishers.
8. Morgan, G.T., King, P.A., Weisz, T.R., & Schopler, J. (1999). *Introduction to Psychology.* New York: Mcgraw Hill Book Co.
9. Nolen-Hoeksema, S., Fredrickson, B., Loftus, G. and Lutz, C. (2014). *Atkinson & Hilgard's Introduction to psychology*. Hampshire, United Kingdom: Cengage Learning EMEA.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	Understand the historical roots and methods of Psychology to know the dynamics of human thoughts, feelings and behaviors.
CO2	Apply theories of learning and intelligence to modify illogical thoughts and behaviors into logical ones.
CO3	Know individual differences by assessing them on various psychological tools and questionnaires.

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B.A. SEMESTER–I
Psychology
BPSYP-1111
Basic Psychological Processes–I
(Practical)

Credit Hours (per week): 2
Marks: 25
Total Hours: 20

Instructions for the Practical Examination:

Students are supposed to perform five practical out of six mentioned in the syllabus. Practical examination will be of three hours duration. External examiner will conduct the practical examination. Students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write–up of file book (10 Marks), performance and viva–voce (15 Marks) related to the practical.

Course objectives: The main aim is to deliver practical and in-depth experience in accordance to the principles learnt in theory covering the areas of learning, intelligence and individual differences.

Five Practical have to be performed out of the following:

1. Simple Reaction Time/Observations by using Chronoscope.
2. Verbal Test of Intelligence- Jalota's Mental Ability Test.
3. Nonverbal test of Intelligence- Cattell's Culture Fair Test.
4. Performance Test of Intelligence- Koh's Block Design Test / Alexander's Pass A Long Test.
5. Trial and Error learning by using wooden/ electronic maze.
6. Effect of Practice on Learning by using Cancellation sheets.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	To administer, analyze and interpret results from various psychological tools.
CO2	To apply the knowledge of various assessment procedures related to intelligence and learning.
CO3	To build a rapport with subjects to perform practical effectively.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Public Administration
Course Code: BPUB-1114
Principles Of Public Administration

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The course aims at providing theoretical and conceptual knowledge about Public Administration; making the students aware about the principles of organization and administrative behavior and acquaint the students with the executive, legislative and judicial control over Public Administration.

UNIT–I

1. Public Administration: Meaning, Nature and Scope.
2. Distinction between Public and Private Administration.
3. New Public Administration, New Public Management and Good Governance.

UNIT–II

4. Organization: Meaning, Basis and Types.
5. Basic Principles of Organisation: Hierarchy, Span of Control, Unity of Command, Centralization and Decentralization, Delegation, Coordination and Supervision.

UNIT–III

6. Chief Executive: Meaning, Types and Functions, Line and Staff Agencies.
7. Department, Public Corporation and Independent Regulatory Commission.
8. Delegated Legislation, Administrative Tribunals.

UNIT–IV

9. Administrative Behaviour**:** Leadership, Communication, Decision-Making.
10. Executive, Legislative, Judicial and Citizen's Control over Administration.

Suggested Readings:-

1. Avasthi A, and S.R. Maheshwari, *Public Administration,* Agra: Laxmi Narian Aggarwal, Educational Publishers, 2004.
2. B. L. Fadia and Kuldip Fadia, *Public Administration: Administrative Theories and Concepts*, Agra: Sahityaa Bhawan Publication, 2011.
3. K.K. Puri, *Elements of Public Administration, (Punjabi),* Jallandhar: Bharat Prakashan, 2004.
4. L.D. White, *Introduction to the Study of Public Administration*, New York: Macmillan, 1995.
5. M. P. Sharma, and B. L. Sadana, *Public   Administration*, Allahabad: Kitab Mahal, 2015.
6. Mohit Bhattacharya, *New Horizons of Public Administration,* New Delhi: Jawahar Publishers & Distributers, 2013.
7. Mohit Bhattacharya, *Restructuring Public Administration–Essays in Rehabilitation,* New Delhi: Jawahar Publishers and Distributors, 1999.
8. Pundrik Ojha and Kiran Sharma, *Public Administration Theory and Practice* Jallandhar: Raj Publishers, 2009.
9. Rumki Basu, *Public Administration: Concept and Theory*, New Delhi: Sterling Publishers. Pvt. Ltd., 2008.
10. S.R. Maheshwari, A. Awasthi, *Public Administration,* Agra: Lakshmi Narain Aggarwal, 2011.
11. Sahib Singh and Swinder Singh, *Public Administration: Theory and Practice,* Jallandhar: New Academic Publishers, 1997.
12. Usha Kapoor, *Lok Prashashan–Sidhant Ate Vihar*, Patiala: Panjabi University,

Course Outcomes:

CO-1 Helps in understanding the nature and Scope of the Public Administration.

CO-2 Familiarizes the students with the approaches, concepts and principles of Public Administration.

CO-3 Develops an understanding of the Administrative Behaviour.

CO-4 Acquaints the students with the working of state administrative machinery.

CO-5 Upgrades the knowledge of the students about the working of Public Administration as a stabilizing force in society.

B.A. SEMESTER–I
Religious Studies
ਧਰਮ ਅਧਿਐਨ
Course Code – BARS-114
ਧਰਮ, ਆਦਿ ਧਰਮ ਅਤੇ ਧਰਮ ਸੰਬੰਧੀ ਆਧੁਨਿਕ ਮੁੱਦੇ

ਕ੍ਰੈਡਿਟ: 04   ਕੁੱਲ ਅੰਕ : 100

ਕੁੱਲ ਘੰਟੇ : 60   ਥਿਊਰੀ ਅੰਕ : 75

ਸਮਾਂ : 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ : 25

ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ:

ਪੇਪਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ: ੳ, ਅ, ੲ, ਸ ਅਤੇ ਹ। ਭਾਗ ੳ, ਅ, ੲ, ਸ ਵਿਚੋਂ 2-2 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਇਕ-ਇਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਹੋਵੇਗਾ ਅਤੇ ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ 'ਹ' ਵਿਚੋਂ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਹੜੇ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ 1-1 ਅੰਕ ਦਾ ਹੋਵੇਗਾ।

Course Objectives
ਕੋਰਸ ਦੇ ਉਦੇਸ਼:

ਇਸ ਕੋਰਸ ਦਾ ਮੁੱਖ ਉਦੇਸ਼ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਧਰਮ ਦੀ ਅਰੰਭਤਾ ਤੋਂ ਲੈ ਕੇ ਧਰਮ ਦੇ ਵਿਕਾਸ ਅਤੇ ਧਰਮ ਦੇ ਮੁੱਢਲੇ ਸਰੂਪ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਹੈ। ਇਸ ਕੋਰਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਧਰਮ, ਨੈਤਿਕਤਾ ਅਤੇ ਦਰਸ਼ਨ (ਫਿਲਾਸਫੀ) ਦੇ ਸਰੂਪ ਅਤੇ ਆਪਸੀ ਸਬੰਧਾਂ ਤੋਂ ਵੀ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ। ਕੋਰਸ ਵਿਚ ਧਾਰਮਿਕ ਸੰਸਕਾਰਾਂ ਅਤੇ ਤਿਉਹਾਰਾਂ ਦੀ ਧਾਰਮਿਕ ਤੇ ਸਮਾਜਿਕ ਮਹੱਤਤਾ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਣਾ। ਇਸ ਦੇ ਨਾਲ ਹੀ ਚੰਗੇ ਸਮਾਜ ਦੀ ਸਿਰਜਨਾ, ਵਿਸ਼ਵਸ਼ਾਂਤੀ, ਸਹਿਹੋਂਦ, ਆਪਸੀ ਭਾਈਚਾਰੇ ਅਤੇ ਮਾਨਵ ਕਲਿਆਣ ਸਬੰਧੀ ਧਰਮ ਦੀ ਭੂਮਿਕਾ ਸਬੰਧੀ ਗਿਆਨ ਦਿੱਤਾ ਜਾਵੇਗਾ।

ਭਾਗ (ੳ)

ਧਰਮ ਦੀ ਆਮ ਜਾਣਕਾਰੀ

1. ਧਰਮ : ਪਰਿਭਾਸ਼ਾ ਤੇ ਸਰੂਪ
2. ਧਰਮ ਤੇ ਦਰਸ਼ਨ : ਸਮਾਨਤਾ ਅਤੇ ਅੰਤਰ
3. ਧਰਮ ਤੇ ਨੈਤਿਕਤਾ : ਸਮਾਨਤਾ ਅਤੇ ਅੰਤਰ

ਭਾਗ (ਅ)

ਆਦਿ ਧਰਮ

1. ਪ੍ਰਾਚੀਨ ਮਨੁੱਖ ਅਤੇ ਉਸਦਾ ਧਰਮ : ਕੁਦਰਤ ਦੀ ਕਰੋਪੀ ਤੇ ਧਰਮ ਦਾ ਆਰੰਭ
2. ਮੁੱਢਲੇ ਧਾਰਮਿਕ ਵਿਸ਼ਵਾਸ : ਐਨਿਮਿਜ਼ਮ, ਮਾਨਾ, ਟੋਟਮ, ਫਿਟਿਸ਼
3. ਧਾਰਮਿਕ ਪ੍ਰਗਟਾਵੇ : ਜਾਦੂ, ਟੈਬੂ, ਮਿਥ

ਭਾਗ (ੲ)

ਧਾਰਮਿਕ ਸੰਸਕਾਰ

1. ਧਾਰਮਿਕ ਸੰਸਕਾਰ : ਅਰਥ ਅਤੇ ਸਰੂਪ
2. ਜਨਮ, ਧਰਮ-ਪ੍ਰਵੇਸ਼, ਵਿਆਹ ਅਤੇ ਮ੍ਰਿਤਕ ਸੰਸਕਾਰ
3. ਧਾਰਮਿਕ ਤਿਉਹਾਰਾਂ ਦਾ ਸਮਾਜਿਕ-ਧਾਰਮਿਕ ਮਹੱਤਵ

ਭਾਗ (ਸ)

ਧਰਮ ਸੰਬੰਧੀ ਆਧੁਨਿਕ ਮੁੱਦੇ

1. ਧਰਮ ਅਤੇ ਸਮਾਜ ਦਾ ਸੰਬੰਧ
2. ਮਾਨਵਵਾਦ
3. ਵਿਸ਼ਵ ਸ਼ਾਂਤੀ ਤੇ ਸਹਿਹੋਂਦ

ਸੁਝਾਈਆਂ ਪੁਸਤਕਾਂ ਦੀ ਸੂਚੀ :

English :

1. Byron, Jevous Frank, *The History of Religion*, Orient, Delhi, 1985.
2. Harbans Singh & L.M. Joshi, *An Introduction to Indian Religions*, Punjabi University, Patiala, 1996.
3. James, E. O., *Beginning of Religion*, Arrow Books, London. 1950.
4. Redin Paul, *Primitive Religion*, Dover Publication, New York, 1957.

Punjabi:
1. ਐਫ. ਮੈਕਸਮੂਲਰ, *ਧਰਮ ਦੀ ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ*, ਅਨੁ. ਤਾਰਨ ਸਿੰਘ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2002.
2. ਸਿੱਧੂ, ਗੁਰਮੀਤ ਸਿੰਘ, *ਧਰਮ : ਆਧੁਨਿਕ ਅਤੇ ਉੱਤਰ ਆਧੁਨਿਕ ਸਿਧਾਂਤ*, ਗੁਰਗਿਆਨ ਬੁਕਸ, ਪਟਿਆਲਾ, 2014.
3. ਦਰਸ਼ਨ ਸਿੰਘ, *ਧਰਮ ਅਧਿਐਨ ਅਤੇ ਸਿੱਖ ਅਧਿਐਨ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2008.
4. ਮਨਜੀਤ ਸਿੰਘ, *ਧਰਮ ਦਰਸ਼ਨ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2007.
5. ਵਜ਼ੀਰ ਸਿੰਘ, *ਧਰਮ ਦਾ ਦਾਰਸ਼ਨਿਕ ਪੱਖ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1999.

Hindi:
1. ਸਿਨਹਾ, ਹਰੇਂਦੂ ਪ੍ਰਸਾਦ, *ਧਰਮ ਦਰਸ਼ਨ ਕੀ ਰੂਪ ਰੇਖਾ*, ਮੋਤੀ ਲਾਲ ਬਨਾਰਸੀ ਦਾਸ, ਦਿੱਲੀ, 1965.

Course Outcomes:
ਕੋਰਸ ਦੇ ਨਤੀਜੇ:

ਕੋਰਸ ਪੂਰਾ ਹੋਣ ਤੋਂ ਬਾਅਦ ਵਿਦਿਆਰਥੀਆਂ ਜਾਣੂ ਹੋ ਜਾਣਗੇ:

1. ਵਿਦਿਆਰਥੀ ਧਰਮ ਦੀ ਆਰੰਭਤਾ ਅਤੇ ਧਰਮ ਦੇ ਮੁੱਢਲੇ ਸਰੂਪ ਤੋਂ ਜਾਣੂ ਹੋਵੇਗਾ।
2. ਉਹ ਨੈਤਿਕਤਾ ਅਤੇ ਦਰਸ਼ਨ ਬਾਰੇ ਅਤੇ ਇਨ੍ਹਾਂ ਦੇ ਧਰਮ ਨਾਲ ਸਬੰਧਾਂ ਦੀ ਸੋਝੀ ਪ੍ਰਾਪਤ ਕਰੇਗਾ।
3. ਵਿਦਿਆਰਥੀ ਧਾਰਮਿਕ ਸੰਸਕਾਰਾਂ ਅਤੇ ਧਾਰਮਿਕ ਤਿਉਹਾਰਾਂ ਦੇ ਮਨੁੱਖੀ ਜੀਵਨ ਵਿਚ ਮਹੱਤਵ ਬਾਰੇ ਜਾਣੇਗਾ।
4. ਵਿਦਿਆਰਥੀ ਧਰਮ ਦੇ ਸਮਾਜ ਨਾਲ ਸਬੰਧਾਂ ਅਤੇ ਸਮਾਜ 'ਤੇ ਪ੍ਰਭਾਵਾਂ ਸਬੰਧੀ ਜਾਣੂ ਹੋਵੇਗਾ।
5. ਵਿਦਿਆਰਥੀ ਮਾਨਵਵਾਦ, ਵਿਸ਼ਵ ਸ਼ਾਂਤੀ ਅਤੇ ਸਹਿਹੋਂਦ ਲਈ ਧਰਮ ਦੀ ਭੂਮਿਕਾ ਨੂੰ ਸਮਝ ਕੇ ਸੰਸਾਰ ਨੂੰ ਨਵੀਂ ਸੇਧ ਦੇਣ ਦੇ ਸਮਰੱਥ ਹੋਵੇਗਾ।

B.A. SEMESTER–I
Sociology
Course Code: BSOC-1108
Fundamentals Of Sociology-I

Credit hours (Per Week) :4   **Max. Marks: 100**
Time: 3 Hours   **Theory: 75**
Total hours: 60   **Internal Assessment: 25**

Instructions for the Paper Setters:

Section–A It will consist of **Ten very short answer questions.** Answer to each question will be five to seven lines. All questions are compulsory. Each question will carry two marks. Total weightage of this section is **20 marks.**
Section–B It will consist of seven questions and candidates have to attempt any five questions. Answer to each question should be 250 words**. Each question will carry five marks**. Total weightage of the section is **25 marks.**
Section–C It will consist of five questions at least two from each unit. Candidates have to attempt three questions at least one from each unit. Answer to each question should be of 3 pages or 500 words. **Each question will carry 10 marks**. Total weightage of this section is **30 Marks.**

Course objectives:

1. To impart knowledge of the subject and implications in different fields.
2. To acquaint students about the relation of Sociology with other Social Sciences.
3. To impart knowledge about various basic concepts of Sociology like Society, Community etc.
4. To aware students about Social Structure of the society and its different components.
5. To prepare students practically how to socialize in the society.

Unit–I

a) Meaning, Nature, Importance and Scope of Sociology
b) **Relationship with other Social Sciences:** Psychology, Anthropology, Economics and Political Science
c) **Basic Concepts**: Society, Community, Institution and Association :Meaning and features

Unit–II
d) **Social Groups:** Definition, Characteristics and Types– Primary & Secondary groups, In Group and Out group, Reference Group.
e) **Social Structure:** Definition and Components, Norms and Values, Status and Roles.
f) **Socialization**: Meaning , Process , Agencies and Theories (C.H. Cooley, G.H. Mead , Sigmund Freud).

References:

1. Ahuja Ram, *Indian Social System*, Rawat Publications, Jaipur, 1993.
2. Abraham, M. Francis, *Contemporary Sociology*, Oxford University, New Delhi, 2006.
3. Bottomore T.B.S., *Sociology*, Punjabi Translation by Parkash Singh Jammu, Publication Bureau, Punjabi University, Patiala, 1972.
4. Davis Kingsley, *Human Society*, Punjabi Translation by Parkash Singh Jammu, Publication Bureau, Punjabi University, Patiala, 1971.
5. Gisbert Pascual, *Fundamentals of Sociology*, Orient Longmans, Bombay, 1969.
6. Jayaram N., *Introductory Sociology*, Macmillan, Madras, 1988.
7. Johnson H.M., Sociology: *A Systematic Introduction*, Allied Publishers, New Delhi, 1995.
8. Kapila S.,*A Text Book of Sociology*, Part–I & II, New Academic House, Jalandhar, 1989.
9. Kapila. S,*Fundamentals of Sociology*, Vol. I. Panchkula, Kapila Publishers, 2001.
10. Koening Samuel, *Sociology, An Introduction to the Science of Society*, Punjabi Translation by Baldev Singh, Publication Bureau, Punjabi University, Patiala.
11. McGee, Reece et al., *Sociology–An Introduction*, Reinehart and Winston, Hindale, 1977.
12. Murdock George Peter, *Social Structure*, Free Press, New York, 1965.
13. MacIver, R.M. & Page, Charles H.: *Society*, *An Introductory Analysis*,Macmillan, London, 1974.
14. Savinderjeet Kaur, *Samaj Vigyan Nal Jan Pehchan*, Publication Bureau, PunjabiUniversity, Patiala, 1995.
15. Sharan Raka, *A Handbook of Sociology*, Anmol Publications, New Delhi, 1991**.**

Course Outcome (CO)

CO1- Students get acquainted with the subject and its usage in various fields.
CO2-They become familiar with basic concepts of sociology like community, society, association and institution.
CO3-They become familiar with the interrelationship with other social sciences.
CO4-Students got the basic understanding of the social structure of the society.
CO5-They came to know about the of various agencies in the process of socialization.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Statistics
Course Code: STA-111A
Paper–I: Statistical methods–I

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
 Time: 3 Hours   **Theory Internal Assessment: 09**

Medium: English
Instructions for the Paper Setters:

1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week.

Course Objectives:
- Students will be able to solve Statistical problems using various measure of central tendency.
- It enables the students to collect the data and present it diagrammatically.
- Students will learn the meaning and scope of Statistics.

Unit-I
Meaning and scope of statistics, Collection of data, presentation of data, diagrammatic representation of data. Attributes and variables, discrete and continuous frequency distribution of a variable, graphical representation of frequency distribution of a variable.

Unit-II
Central tendency: Measures of central tendency, namely, Arithmetic mean, median, mode, Geometric mean, Harmonic mean and their comparisons with an ideal measure of central tendency.

Unit-III
Dispersion and its measures, range, mean deviation, quartile deviation and standard deviation. Advantages of standard deviation as measure of dispersion over the other measures, Relative measures of dispersion, coefficient of variation.
Unit-IV
Central and non–central moments, central–moments expressed in terms of moments about an arbitrary origin and vice-versa. Sheppard's correction for moments. Skewness and its measures, Kurtosis and its measures.

Books Prescribed:-

Gupta, S.C. and Kapoor, V.K.: Fundamentals of Mathematical Statistics, Sultan Chand and Company, 2007.
Croxton F.E., Cowden, D.J. and Kelin, S. (1973): Applied General Statistics, Prentice Hall of India.
Goon, A.M. Gupta, M.K. and Dasgupta B.: Fundamentals of Statistics, Vol. I, World Press, 2005.
BOOKS SUGGESTED FOR SUPPLEMENTARY READING:-
Goon, A.M. Gupta, M.K. and Dasgupta B.: Basic Statistics, World Press, 2005.
Gupta, S.C.: Statistical Methods, Himalayan Publishing House, 2003.
Nagar, A.L. and Das, R.K., Basic Statistics, Oxford University Press, 2005.

Course Outcomes:

On completing the course, the students will be able to:
learn to solve Statistical problems using various measure of central tendency.
collect the data and present it diagrammatically.
Use Statistics in research for proper characterization, summarization, presentation and interpretation of the result of research.
apply the statistical methods in various fields such as finance, marketing, accounting and business.

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B.A. SEMESTER–I
Statistics
Course Code: STA-111B
Paper–II: Probability Theory

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

Medium: English
Instructions for the Paper Setters:

1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week.

Course Objectives:

Students will acquaint themselves with the foundation of probabilistic analysis.
It will enable the students to quantify the uncertainty and assess the accuracy of our inference about the population.
Students will have good understanding of exploratory data analysis

Unit-I
Random experiments, sample space, events, mutually exclusive and exhaustive events, algebra of events, various definitions of the probability, axiomatic probability function and its properties.

Unit-II
Finite sample spaces; equally likely outcomes, additive law of probability, conditional probability, multiplicative law of probability, independent events. Baye's Theorem and its applications.

Unit-III
Random variable, examples of random variables, Discrete and continuous random variables, probability mass function and density function, cumulative distribution function, Properties of distribution function of discrete and continuous random variables. Real valued functions of one dimensional random variables and the procedures of finding the Probability Distributions functions of such functions illustrated by examples.

Unit-IV
Expected value of a random variable and of functions of one-dimensional random variable. Properties of expected values. variance of random variable and its properties. Moment generating function and its properties

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Books Prescribed:-

Meyer, P.L. Introductory Probability and Statistical Applications, Addison—Wesley, (1970).
Ross, S.A. First Course in Probability, Sixth Edition, Pearson Education, 2007.

Books Suggested for Supplementary Reading:-

Biswal, P.C., Probability and Statistics, Prentice Hall, India, 2007.
Miller, I, and Miller, M. Mathematical Statistics with Applications, Seventh Edition, Pearson Education, 2007
Hogg. R.V., Mcken, J.W. and Craig. A.T., Introduction to Mathematical Statistics, Pearson Education, 2007.

Course Outcomes:

On completing the course, the students will be able to:
Use statistics in engineering and science like disease modelling, climate prediction networks etc.
to quantify the uncertainty and assess the accuracy of our inference about the population.
have good understanding of exploratory data analysis.
learn the concept of random variable, expected value and moment generating function of random variable.

B.A. SEMESTER–I
Statistics
Course Code: STA-111P
Practical based on PAPER: Statistical methods–I

Credit Hours (Per Week): 3   **Maximum Marks: 30**
Total Hours:45 hrs.   **Practical Marks: 22**
Time: 2 Hours   **Internal Assessment Practical: 08**

Medium: English
Instruction for the Paper Setter and Students:

Students are required to prepare a practical note book with at least 30 exercises based upon the above list. At the end of semester, there is a practical examination jointly conducted by two examiners (one is internal and another one is external). This practical examination will cover a written test followed by a viva-voce to test the practical knowledge of students about the contents. The candidates are allowed to use Non–Programmable calculators. The distribution of marks is as under: -

Practical Note book: 05
Viva – voce: 07
Exercises: 10

Course Objectives:

Students will be able to solve Statistical problems using various measure of central tendency.
It enables the students to collect the data and present it diagrammatically.
Students will solve problems related to measure of dispersion.

Course Content:

Teaching time for practical paper would be two period per week.

List of practical exercises:

Exercises on presentation of Data
Exercises on measurers of central tendency
Exercises on measures of dispersion
Exercises on calculation of moments
Exercises on measures of Skewness
Exercises on measures of Kurtosis

Course Outcomes: On completing the course, the students will be able to:

learn to solve Statistical problems using various measure of central tendency.
collect the data and present it diagrammatically.
Use Statistics in research for proper characterization, summarization, presentation and interpretation of the result of research.
apply the statistical methods in various fields such as finance, marketing, accounting and business.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–I
Theatre Studies
Course Code: BTHS-1116
Introduction to Theatre and Drama

Credit Hours (Per Week): 6   **Maximum Marks: 100**
Total Hours:90 hrs.   **Theory Marks: 25**
Time: 3 Hours   **Practical Marks: 50**
                                                        Internal Assessment: 25

<table>
<tr><td rowspan="2">Instruction for</td><td>(Course Objective)</td><td>(Course Outcomes)</td></tr>
<tr><td>
● The main purpose of this paper is to give the knowledge about theatre, Origin of the Theatre and its elements.
● Second purpose of this paper is to give the knowledge about Drama, elements of Drama and the main difference between the theatre and Drama
● Third purpose of this paper is to give the knowledge about the origin of Punjabi Theatre, its development and critic analyses of I.C Nanda's Play "Bebe Ram Bhajni"
● Fourth purpose of this paper is to give the knowledge about Bharatmuni's Natya Shastra.
</td><td>
● Students will able to get the knowledge about the meaning and elements of the Theatre.
● Students will be able to get the knowledge about the meaning and elements of the Drama and difference between Theatre and Drama.
● Students will be able to get the knowledge about the Punjabi Theatre, its origin and development.
● After the study of this paper students will be able to get the deep knowledge of Natya Shastra, different types of 'Nat-Nati', different types of Acting etc.
</td></tr>
</table>

The Question Paper Setter:
Question paper will be maximum of 25 marks, to be attempted in 3 hrs. Question Paper setter will set eight questions (two questions from each unit). Each question will carry 05 marks.
Note: If the paper setter bifurcates any question into sub-parts, then the value of each part should not be below 2.5 marks.

Instruction for the student:
Question paper will be maximum of 25 marks, to be attempted in 3 hrs. There will be 4 units in question paper. Each unit will have 2 questions. Student has to attempt five questions, one from each unit. They can attempt fifth question from any unit. Answer should be within 500 words. Each question will carry 05 marks.

Unit I

1. Origin of Theatre
2. Theatre: Definition and Elements (Actor, Space and Audience)

Unit II

1. Drama: Definition and Overview (Different Types of Drama)
2. Elements of Drama: Subject, Plot, Characterisation, Language, Theatricality

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Unit III

1. Punjabi Theatre: Origin and Development (1900-1947)
2. Study of One Act Play 'Bebe Ram Bhajni' by I.C. Nanada

Unit IV

1. Origin of Natya according to Natya Shastra
2. Study of the Play 'Bhagwadajjukam' by Bodhayan

Practical

1. Basic Theatre Exercises: Expression, Gesture, Posture, Exit-Entry through Improvisation
2. Observation Exercises

Suggested and Prescribed Readings:

Adya Rangacharya, Bharti Rangmanch (Punjabi), Gurmakh Singh Sehgal (Translated), National Book Trust, India, 1988

Bodhayan, Bhawadajjukam, _____

Dr.Gurdial Singh Phul, Panjabi Natak:Sarup,Sidhant Te Vikas, Publication Bureau, Punjabi Uiversity, Patiala,1998

Dr.Harcharan Singh, Panjab Di Nat Prampra, Publication Bureau, Punjabi University, Patiala

I.C. Nanda, Bebe Ram Bhajni, _____

Jai Dev Taneja, Adhunik Bhartiya Natya Vimarsh, Radha Krishan Parkashan, New Delhi, 2010

Jonnie Patricia Mobley,NTC's Dictionary of THEATRE and DRAMA TERMS,NTC Publishing Group,USA,1998

N.C. Jain, Indian Theatre, Vikas Publishing House, New Delhi, 1992.

Nicoll, Theory of Drama, Doaba House, New Delhi

O.G. Brockett, The Essential Theatre, Wadsworth & Thomson, U.S.A, 2004

Satish Kumar Verma, Punjabi Natak Da Itihas, Punjabi Academy, Delhi, 2005

Satish Kumar Verma,Punjabi Natak Aur Rangmanch Ki Ek Sadi (Hindi), National School of Drama, New Delhi,2009

Surjit Singh Sethi, Natak Kala,Lok Geet Parkashan, Chandigarh, 2005

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B.A. SEMESTER–I
Course Code: ZDA111
Drug Abuse: Problem, Management and Prevention
Problem Of Drug Abuse
(Compulsory for all Under Graduate Classes)

Credit hrs./wk.:1.5   **Max. Marks: 50**
Time: 3 Hours

Instructions for the Paper Setters:

1) There will be a total of 9 questions of which 5 are to be attempted.
2) Question 1 is compulsory and having 10 short answer type questions (1 mark each).
3) The remaining 8 questions (10 marks each) shall include 2 questions from each unit.
Candidates shall be required to attempt 4 questions, one from each unit. Preferably, the question should not be split into more than two sub-parts.

Course Objectives-
The course aims to:

CO-1.	Generate the awareness against drug abuse.
CO-2.	Describe a variety of models and theories of addiction and other problems related to substance abuse.
CO-3.	Describe the behavioral, psychological, physical health and social impact of psychoactive substances.
CO-4.	Provide culturally relevant formal and informal education programs that raise awareness and support for substance abuse prevention and the recovery process.
CO-5.	Describe factors that increase likelihood for an individual, community or group to be at risk of substance use disorders.

UNIT–I
Meaning of Drug Abuse
Meaning of drug abuse
Nature and Extent of Drug Abuse: State and National Scenario

UNIT-II
Consequences of Drug Abuse for
Individual: Education, Employment, Income.
Family   : Violence.
Society   : Crime.
Nation   : Law and Order problem.

UNIT-III
Management of Drug Abuse
Medical Management: Medication for treatment of different types of drug abuses.
Medication to reduce withdrawal effects.

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UNIT-IV

Psychiatric Management: Counseling, Behavioral and Cognitive therapy.
Social Management: Family, Group therapy and Environmental Intervention.

References:

1. Ahuja, Ram (2003), Social Problems in India, Rawat Publication, Jaipur.
2. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
3. Inciardi, J.A. 1981. The Drug Crime Connection. Beverly Hills: Sage Publications. 23
4. Jasjit Kaur Randhawa & Samreet Randhawa, "Drug Abuse-Problem, Management & Prevention", KLS, ISBN No. 978-81-936570-6-5, (2018).
5. Jasjit Kaur Randhawa & Samreet Randhawa, "Drug Abuse Problem, Management & Prevention", KLS, ISBN No. 978-81-936570-8-9, (2019).
6. Jasjit Kaur Randhawa & Samreet Randhawa, "voZrI d[otos'A^(BPky'oh) ;wZf;nk, gqpzXB ns/o'eEkw", KLS, ISBN No. 978-81-936570-7-1, (2018).
7. Jasjit Kaur Randhawa, "Drug Abuse -Management & Prevention", KLS, ISBN No. 978-93-81278-80-2, (2018).
8. Kapoor. T. (1985) Drug epidemic among Indian Youth, New Delhi: Mittal Pub.
9. Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
10. National Household Survey of Alcohol and Drug abuse. (2003) New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
11. Rama Gandotra & Jasjit Kaur Randhawa, "voZrI d[otos'A^(BPky'oh) gqpzXB ns/ o'eEkw", KLS, ISBN No. 978-93-81278-87-1, (2018).
12. Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal Publications.
13. Sandhu, Ranvinder Singh, 2009, Drug Addiction in Punjab: A Sociological Study. Amritsar. Guru Nanak Dev University.
14. Singh, C. P. 2000. Alcohol and Dependence among Industrial Workers: Delhi: Shipra.
15. Sussman, S and Ames, S.L. (2008). Drug Abuse: Concepts, Prevention and Cessation, Cambridge University Press.
16. World Drug Report 2010, United Nations office of Drug and Crime.
17. World Drug Report 2011, United Nations office of Drug and Crime.

Course Outcomes:
The students will be able:

CO-1.	To describe issues of cultural identity, ethnic background, age and gender in prevention, treatment and recovery.
CO-2.	To describe warning sign, symptoms, and the course of substance use disorders.
CO-3.	To describe principles and philosophy of prevention, treatment and recovery.
CO-4.	To describe current and evidenced-based approaches practiced in the field of drug addiction.

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B.A. SEMESTER – II
Course Code: BENC-1205
English (Compulsory)

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setter and Distribution of Marks:
The question paper will consist of three sections and distribution of marks will be as under:
Section A: 10 Marks
Section B: 17 Marks
Section C: 10 Marks

Section–A
1. **Twelve (12)** Questions on the usage of grammar related to the prescribed units of *Murphy's English Grammar* will be set for the students to attempt **any   Ten (10)** (1X10= 10 Marks)

Section–B
2. **EIGHT (8)** questions (four from each literary text) on theme, characterization, tone and style etc. will be set. The students will be required to attempt **any Four** questions, choosing at least TWO from each prescribed text. The answer to each question should not exceed 15-20 sentences.
(4X3=12 Marks)

3. The students will be required to write a **Personal Letter** on any ONE of the TWO given topics.
(1X5= 5 Marks)

Section–C
4. **Two q**uestions, one from the each literary text, will be set. The students will be required to answer any one.   (1X5=5 Marks)
5. The students will be required to answer **Five** questions from the **Comprehension Passage** set from the book *Prose for Young Learners*.
(5X1=5 Marks)

Course Objectives:

1. To read, interpret and write about diverse range of texts in English.
2. To understand the prescribed texts analytically and critically.
3. To familiarise the students with social, political, moral and cultural background of the prescribed texts.
4. To participate in the critical and cultural discourses of English.
5. To teach language and literature effectively with the support of ICT tools.
6. To become competent, committed, conscious, creative, and compassionate human beings.

B.A. (12+3 System of Education) (Batch 2022-25)

Course Contents
1) Stories at Sr.No.7, 9,10,11,12 from *Tales of Life*.
2) Essays at Sr.No.7, 8, 9, 10, 11 from *Prose for Young Learners.*
3) Unit 19-25, 72-81 from *Murphy's English Grammar*.

Texts Prescribed:
1. *Tales of Life* (Guru Nanak Dev University, Amritsar)
2. *Prose for Young Learners* (Guru Nanak Dev University, Amritsar)
3. *Murphy's English Grammar 4th Edition (by Raymond Murphy) CUP*

Course Outcomes:

The completion of this course enables students to:
1. appreciate the writings of various Indian and foreign story and prose writers and relate them to their socio-cultural milieu.
2. comprehend the meaning of texts and answer questions related to situations, episodes, themes and characters depicted in them.
3. make correct usage of tenses, articles and nouns.
4. enrich their vocabulary and use new words in their spoken and written language.
5.Write independently personal letters to their family and friends on various issues.

B.A. SEMESTER-II
Course Code: BPBI - 1201
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 04   **ਕੁੱਲ ਅੰਕ: 50**
ਕੁੱਲ ਘੰਟੇ: 60   **ਥਿਊਰੀ ਅੰਕ: 37**
ਸਮਾਂ: 3 ਘੰਟੇ   **ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13**

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਚਾਰ ਭਾਗਾਂ ਵਿਚ 02-02 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿਚੋਂ 01-01 ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ (08) ਅੰਕ ਹੋਣਗੇ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਪੰਜਵੇਂ ਭਾਗ ਵਿਚ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ 01-01 ਅੰਕ ਦੇ ਛੇ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ 05 ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective

- ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਪੈਦਾ ਕਰਨਾ।
- ਆਲੋਚਨਾਤਮਕ ਰੁਚੀਆਂ ਨੂੰ ਵਿਕਸਤ ਕਰਨਾ।
- ਭਾਸ਼ਾਈ ਗਿਆਨ ਵਿਚ ਵਾਧਾ ਕਰਨਾ।

ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)

- ਵਿਦਿਆਰਥੀ ਦੀ ਸੋਚ-ਸਮਝ ਵਿਕਸਤ ਹੋਵੇਗੀ।
- ਵਿਦਿਆਰਥੀ ਵਿਚ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਪ੍ਰਫੁਲਿਤ ਹੋਣਗੀਆਂ।
- ਵਿਦਿਆਰਥੀ ਵਿਚ ਸਾਹਿਤ ਸਿਰਜਣਾ ਦੀ ਸੰਭਵਨਾ ਵਧੇਗੀ।
- ਵਿਦਿਆਰਥੀ ਸੰਬੰਧਿਤ ਵਿਸ਼ੇ ਦਾ ਗਹਿਨ ਅਧਿਐਨ ਕਰਨ ਦੇ ਸੁਯੋਗ ਹੋਵੇਗਾ।
- ਵਿਦਿਆਰਥੀ ਭਾਸ਼ਾਈ ਬਣਤਰ ਤੋਂ ਜਾਣੂ ਹੋਵੇਗਾ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਸਾਹਿਤ ਦੇ ਰੰਗ, ਡਾ. ਮਹਿਲ ਸਿੰਘ (ਸੰਪਾ.), ਰਵੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।

ਭਾਗ ਦੂਜਾ – ਵਾਰਤਕ ਅਤੇ ਰੇਖਾ-ਚਿੱਤਰ, ਡਾ. ਪਰਮਿੰਦਰ ਸਿੰਘ, ਡਾ. ਭੁਪਿੰਦਰ ਸਿੰਘ ਅਤੇ ਡਾ. ਕੁਲਦੀਪ ਸਿੰਘ ਢਿੱਲੋਂ (ਸਹਿ ਸੰਪਾ.)

(ਵਾਰਤਕ ਭਾਗ ਵਿਚੋਂ ਸਾਰ/ਵਿਸ਼ਾ-ਵਸਤੂ। ਰੇਖਾ-ਚਿੱਤਰ ਭਾਗ ਵਿਚੋਂ ਸਾਰ/ਨਾਇਕ ਬਿੰਬ)

ਭਾਗ-ਦੂਜਾ

ਸੰਸਾਰ ਦੀਆਂ ਪ੍ਰਸਿੱਧ ਹਸਤੀਆਂ

ਪ੍ਰਿੰ. ਤੇਜਾ ਸਿੰਘ ਅਤੇ ਹਰਨਾਮ ਸਿੰਘ ਸ਼ਾਨ (ਸੰਪਾ.), ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।

(ਜੀਵਨੀ 10 ਤੋਂ 18 ਤੱਕ, ਜੀਵਨੀ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਨਾਇਕ ਬਿੰਬ)

ਭਾਗ-ਤੀਜਾ

(ੳ) ਦਫ਼ਤਰੀ ਚਿੱਠੀ ਪੱਤਰ
(ਅ) ਅਖਾਣ ਅਤੇ ਮੁਹਾਵਰੇ

ਭਾਗ-ਚੌਥਾ

(ੳ) ਸ਼ਬਦ-ਬਣਤਰ ਅਤੇ ਸ਼ਬਦ-ਰਚਨਾ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਮੁੱਢਲੇ ਸੰਕਲਪ
(ਅ) ਸ਼ਬਦ-ਸ਼੍ਰੇਣੀਆਂ

B.A. SEMESTER-II
Course Code: BPBI-1202
ਮੁਢਲੀ ਪੰਜਾਬੀ
(In Lieu of Compulsory Punjabi)

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫ਼ਤਾ: 04　　　　　　　　　　　　　　　　**ਕੁੱਲ ਅੰਕ: 50**
ਕੁੱਲ ਘੰਟੇ: 60　　　　　　　　　　　　　　　　　　　　**ਥਿਊਰੀ ਅੰਕ: 37**
ਸਮਾਂ: 3 ਘੰਟੇ　　　　　　　　　　　　　　　　　　　**ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13**

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਭਾਗ ਪਹਿਲਾ ਵਿਚੋਂ ਚਾਰ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਤਿੰਨ ਪ੍ਰਸ਼ਨਾਂ ਦਾ ਉੱਤਰ ਦੇਣਾ ਲਾਜ਼ਮੀ ਹੈ। ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ ਚਾਰ-ਚਾਰ ਅੰਕ ਹਨ। ਭਾਗ ਦੂਸਰਾ ਵਿਚੋਂ ਦੋ-ਦੋ ਅੰਕ ਦੇ ਪੰਜ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹਨ। ਭਾਗ ਤੀਸਰਾ ਵਿਚੋਂ ਚਾਰ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹਨ। ਭਾਗ ਚੌਥਾ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨਾ ਹੋਵੇਗਾ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective

- ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਸਮਝ ਵਿਕਸਤ ਕਰਨਾ।
- ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਵਿਆਕਰਨਕ ਪ੍ਰਬੰਧ ਸੰਬੰਧੀ ਗਿਆਨ ਕਰਾਉਣਾ।
- ਸਿਖਲਾਈ ਤੇ ਅਭਿਆਸ ਦੁਆਰਾ ਪੰਜਾਬੀ ਭਾਸ਼ਾ 'ਤੇ ਪਕੜ ਵਧਾਉਣਾ।

ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)

- ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਨਿੱਤ ਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ ਬਾਰੇ ਸਮਝ ਹੋਰ ਵਿਕਸਿਤ ਹੋਵੇਗੀ।
- ਉਹ ਪੰਜਾਬੀ ਸ਼ਬਦ-ਬਣਤਰ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਿਲ ਕਰਕੇ ਭਾਸ਼ਾਈ ਗਿਆਨ ਨੂੰ ਵਿਕਸਿਤ ਕਰਨਗੇ।
- ਪੰਜਾਬੀ ਸ਼ਬਦ-ਰਚਨਾ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਉਨ੍ਹਾਂ ਦੇ ਗਿਆਨ ਵਿਚ ਵਾਧਾ ਕਰੇਗੀ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਬਣਤਰ:
　　　ਧਾਤੂ, ਵਧੇਤਰ (ਅਗੇਤਰ, ਮਧੇਤਰ, ਪਿਛੇਤਰ), ਪੰਜਾਬੀ ਕੋਸ਼ਗਤ ਸ਼ਬਦ ਅਤੇ ਵਿਆਕਰਨਕ ਸ਼ਬਦ

ਭਾਗ-ਦੂਜਾ

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਪ੍ਰਕਾਰ:
　　　(ੳ) ਸੰਯੁਕਤ ਸ਼ਬਦ, ਸਮਾਸੀ ਸ਼ਬਦ, ਦੋਜਾਤੀ ਸ਼ਬਦ, ਦੋਹਰੇ/ਦੁਹਰੁਕਤੀ ਸ਼ਬਦ ਅਤੇ ਮਿਸ਼ਰਤ ਸ਼ਬਦ
　　　(ਅ) ਸਿਖਲਾਈ ਤੇ ਅਭਿਆਸ

ਭਾਗ-ਤੀਜਾ

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਰਚਨਾ:
　　　ਇਕ-ਵਚਨ/ਬਹੁ-ਵਚਨ, ਲਿੰਗ-ਪੁਲਿੰਗ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ, ਸਮਾਨਅਰਥਕ ਸ਼ਬਦ, ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਲਈ ਇਕ ਸ਼ਬਦ, ਸ਼ਬਦ ਜੁੱਟ, ਵਿਰੋਪਅਰਥਕ ਸ਼ਬਦ, ਸਮਨਾਮੀ ਸ਼ਬਦ

ਭਾਗ-ਚੌਥਾ

ਨਿੱਤ ਵਰਤੋਂ ਦੀ ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ
　　　ਖਾਣ-ਪੀਣ, ਸਾਕਾਦਾਰੀ, ਰੁੱਤਾਂ, ਮਹੀਨਿਆਂ, ਗਿਣਤੀ, ਮੌਸਮ, ਬਾਜ਼ਾਰ, ਵਪਾਰ, ਧੰਦਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
Course Code: BPHC-1204
Punjab History & Culture
(C 321 TO 1000 A.D.)
(Special Paper in lieu of Punjabi compulsory,
for those students who are not domicile of Punjab)

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setters:

The question paper consists of five units: I, II, III, IV and V. Units I, II, III and IV will have two questions each. Each question carries 8 marks. The students are to attempt one question from each unit approximately in 800 words. Unit-V consists of 7 short answer type questions to be set from the entire syllabus. Students are to attempt any 5 questions in about 20 words each. Each question carries 1 mark.

Note: The examiner is to set the question paper in two languages: English & Hindi.

Course Objectives: The main objective of this course is to educate the students who are not domicile of the Punjab about the history and culture of the Ancient Punjab. It is to provide them knowledge about the social, economic, religious, cultural and political life of the peopleof the Punjab during the rule of various dynasties such as The Mauryans, The Khushans, The Guptas, The Vardhanas and other ancient ruling dynasties of the period under study.

Unit-I
The Punjab under Chandragupta Maurya and Ashoka.
The Kushans and their Contribution to the Punjab.

Unit-II
The Punjab under the Gupta Emperors.

The Punjab under the Vardhana Emperors

Unit-III
Political Developments 7th Century to 1000 A.D.
Socio-cultural History of Punjab from 7th Century to 1000 A.D.

Unit-IV
Development of languages and Literature.
Development of art & Architecture.

Suggested Readings:-

L. Joshi (ed*), History and Culture of the Punjab*, Part-I, Patiala, 1989 (3rdedition)
L.M. Joshi and Fauja Singh (ed),*History of Punjab*, Vol.I, Patiala 1977.
BudhaParkash,*Glimpses of Ancient Punjab*, Patiala, 1983.
B.N. Sharma*, Life in Northern India*, Delhi. 1966.

Course Outcomes:

After completion of the course, the students will be able to learn:

CO-1   The history and culture of the Punjab in Ancient Period.
CO-2   Social, economic, religious, cultural and political life of Ancient Indian dynasties.
CO-3   Political developments from 7th century to1000AD.
CO-4   Socio-cultural history of the Punjab from 7th century to1000AD.
CO-5   Language, literature, art and architecture of Ancient Punjab.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
Computer Science
Course Code: CSC-121
Programming Using C (Theory)

Credit Hours (per week):4	**Total Marks: 100**
Total Hours:60	**Theory Marks: 56**
Time: 3 Hours	**Theory Internal Assessment M: 19**
	Practical Marks: 19
	Practical Internal Assessment M: 06

Note: 1. Medium of Examination is English Language.
    2.The question paper covering the entire course shall be divided into three sections.

Instructions for Paper Setters:
Section A: It will have question No.1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 6 questions. Each question will carry two marks with answer to each question up to 10 lines in length. The total weightage being **12 marks**.
Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry **11 marks**. The total weightage of this section shall be **22 marks.**
Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 6, 7, 8 and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry **11 marks**. The total weightage of this section shall be **22 marks.**
Course Objectives:

1	The course is designed to provide complete knowledge of C language.
2	Students will be able to develop logics which will help them to create programs, applications in C.
3	Also, by learning the basic programming constructs they can easily switch over to any other language in future.

UNIT–I
Data Representation, Introduction to Number Systems and Character Codes, Flow Charts, Problem Analysis, decision tables, pseudo codes and algorithms.

Programming Language C
Basics of C: Introduction to C, Applications and Advantages of C, Tokens, Types of Errors
Data Types: Basic & Derived Data Types, User Defined Data Types, Declaring and initializing variables.
Operators and Expressions: Types of operators (Unary, Binary, Ternary), Precedence and Associativity
Data I/O Functions: Types of I/O function, Formatted & Unformatted console I/O Functions
Control Statements: Jumping, Branching and Looping–Entry controlled and exit controlled, Advantages/Disadvantages of loops, difference between for, while and do–while.

B.A. (12+3 System of Education) (Batch 2022-25)

UNIT–II

Arrays: Types of Arrays, One Dimensional and Two-Dimensional Arrays.
Strings: Introduction to Strings and String functions, array of strings.
Functions: User Defined & Library Function, Function (Prototype, Declaration, Definition), Methods of passing arguments, local and global functions, Recursion.
Storage Classes: Introduction to various storage classes, scope and lifetime of a variable, Storage class specifiers (auto, register, static, extern), advantages and disadvantages.
Structure and Union: Introduction to structure and union, pointers with structure
References:

(i) Programming with C Languages C. Schaum Series.
(ii) Yashwant Kanetkar – Let Us C
(iii) C Programming by Stephen G Kochan.

Course Outcomes (Cos):

On Completing the course, the students will be able to:

CO-1.	Use the fundamentals of C programming in trivial problem solving
CO-2.	Identify solution to a problem and apply control structures and user defined functions for solving the problem
CO-3.	Demonstrate the use of Strings and string handling functions
CO-4.	Gain ability to work with arrays of complex objects.
CO-5.	Apply skill of identifying appropriate programming constructs for problem solving

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
Computer Science
Programming Using C
(Practical)

Credit Hours (per week):4   **Practical Marks: 19**
Total Hours:60   **Practical Internal Assessment M: 06**
Time: 3 hours

Practical based on Programming in C

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
Economics
Course Code: BECO- 1220
Macro Economics

Credit hours /week: 4   **Total Marks: 100**
Total hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Note: Instructions for the Paper–Setters/Examiners:

   (i)   First question consisting of 8 short answer questions (based upon the entire syllabus), out of which 5 questions are to be attempted (each carrying 3 marks).
   (ii)   Students will attempt 1 out of 2 questions from each of four units (15 marks each).
.

Course Objective: The objective of the course is to make the students understand the concepts of consumption and investment in an economy and the concepts of money, banking and inflation. Additionally, students will also gain knowledge about the monetary and fiscal policies.

UNIT–I
Distinction between Micro and Macro Economics; Determination of Income and Employment : Classical and Keynesian models; Say's Law of Market and aggregate demand and aggregate supply. Consumption functions; average (short-run and long run) and marginal propensity to consume; Static and dynamic multipliers.

UNIT–II
Investment: Meaning, Demand schedules and factors affecting investment decision. Marginal Efficiency of Capital.Accelerator, multiplier-accelerator interaction.
Trade cycles-meaning, characteristics and phases.Samuelson and Hicks Models of trade cycles.

UNIT–III
Money: Its functions and role. Money and Capital Markets (Introductory). Quantity Theory of Money.Fisher's and Cambridge's equations.Liquidity preference theory.
Banking: Definitions of banks. Credit creation and credit control.

UNIT–IV
Inflation: Concept, Causes and cures. Inflation-unemployment Trade-off (only Phillips' contribution).
Macroeconomic Policies: Fiscal policy – meaning, objectives and instruments.
Monetary policy – meaning, objectives and instruments.

B.A. (12+3 System of Education) (Batch 2022-25)

Recommended Texts:

1. Shapiro, E. Macroeconomic Analysis, Harcourt, Brach and World, New York, 1978.
2. Dernaburg, T.F. and MC Dougall D.M., Macroeconomics : the Measurement, Analysis and Control of Aggregate Economic Activity, McGraw-Hill, Kogakusha, Tokyo, 1972.
3. Gupta, S.B. Monetary Economics : Institutions, Theory and Policy, S. Chand, New Delhi, 2000.

Course Outcomes:

S. No	On completing the course, the students will be able to:
CO- 1	Understand and evaluate different theories of income and employment determination
CO- 2	Learn about consumption and investment functions
CO- 3	Understand the meaning, types, role and functions of money
CO- 4	Understand the problem of inflation, its causes, effects and solutions in an economy
CO- 5	Get an overview on fiscal and monetary policy

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
English (Elective)
Course Code: BEEN-1206

Credit hours /week: 6   **Total Marks: 100**
Total hours: 90   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for Paper Setter and Distribution of Marks:
The question paper will consist of three sections and distribution of marks will be as under:
Section A: 15 Marks
Section B: 40 Marks
Section C: 20 Marks

Section–A

I. **FIVE** questions, three from the play and two from the poems will be set. The answer to each should be in 5-7 sentences. All questions are compulsory. (5X2=10 Marks)

II. Transcription of monosyllabic words.   (10X1/2=5 Marks)

Section–B

I.   ONE question requiring the students to explain one of the two extracts/ dialogues from the play with reference to the context**.**   (1X5=5 Marks)
II.   THREE questions on the textual and thematic aspects of the prescribed play will be set and the students will attempt any TWO of these questions**.**
                                                                (2X5=10 Marks)
III.   ONE question requiring the students to explain one out of the two stanzas from the prescribed poems with reference to the context.   (1X5=5Marks)
IV.   THREE questions on the textual and thematic aspects of the prescribed poems will be set and the students will attempt any TWO of these questions.   (2X5=10 marks)

V. Students are required to give detailed answer to any TWO literary terms out of the FOUR prescribed in the syllabus.   (2X5=10 mark)

Section–C

I. ONE essay type question, with internal choice, on theme, characterization, plot, tone, and style etc. will be set from the prescribed play**.**   (1X10=10Marks)

II. ONE essay type question, with internal choice, on central idea, theme, tone, and style etc. will be set from the prescribed poems.   (1X10=10Marks)

Course Objectives:
1. To read, interpret and write about diverse range of texts in English
2. To understand those texts analytically and critically
3. To understand those texts on the basis of careful reading
4. To participate in the critical and cultural discourses of English
5. To teach language and literature effectively with the support of ICT tools
6. To become competent, committed, conscious, creative, and compassionate human beings.
7. To train students to discern ethical principles and personal values in light of academic experience

Course Contents:
1. *A Doll's House* by *Henrik Ibsen* —Complete Text
2. *Spots of Time:* Poems at Serial No. 1,2,8,9,10,12,14,19
3. Literary Terms: Ballad, Character, Comedy, Conceit, Epic, Irony, Plot.
4. Recognition of Sounds: Vowels and Consonants.

Prescribed Books:
1. *A Doll's House* by Henrik Ibsen.
2. *Spots of Time,* G.N.D.U. Amritsar.
3. *A Glossary of Literary Terms* by M.H. Abrams, CENGAGE Learning Publishers, 8th Edn. 2008.
4. A Course in Phonetics and Spoken English, J. Sethi, P.V. Dhamija

Course Outcomes:
The teaching of this course enables the students to
1. Develop interest in reading and appreciation of literature.
2. Familiarise them with socio-political and cultural issues related to prescribed text.
3. Acquire Pronunciation Skills in English.
4. Enroll for Post graduation course in English.
5. Become creative writers and for jobs in media / journalism.

B.A. SEMESTER–II
Course Code: BEHI-1207
Elective Hindi

Credit hours /week: 6　　　　　　　　　　　　　　**Total Marks: 100**
Total hours: 90　　　　　　　　　　　　　　　　**Theory: 75 Marks**
Time: 3 Hours　　　　　　　　　　　　　　　　**Internal Assessment: 25 Marks**

कोर्स का प्रयोजन / उद्देय (Course Objective)	कोर्स का फलागम/परिणाम (Course Outcomes)
• इस कोर्स का मुख्य प्रयोजन विद्यार्थी को आधुनिक कविता के विभिन्न कवियों तथा कविताओं की जानकारी देना है। • हिन्दी के सैद्धान्तिक तथा व्यवहारिक व्याकरण की जानकारी देना है। • अनुवाद के विभिन्न क्षेत्रों में महत्व से परिचित करवाना। • विद्यार्थी के प्रशासनिक शब्द भण्डार में वृद्धि करना है।	• इस कोर्स के उपरान्त विद्यार्थी को हिन्दी कविता के आधुनिक कवियों तथा उनकी कविताओं के मूलभूत सरोकारों का ज्ञान प्राप्त होगा। • अनुवाद के क्षेत्र में रोजगार प्राप्त करने की कुशलता प्राप्त होगी। • हिन्दी के सैद्धान्तिक तथा व्यवहारिक व्याकरण की जानकारी होगी। • प्रशासनिक क्षेत्रों में शब्द–व्यवहार का ज्ञान प्राप्त होगा।

<u>अंक विभाजन तथा प्रश्न.पत्र निर्माता के लिए आवश्यक दिशा.निर्देश :</u>
प्रश्न पत्र निर्माता द्वारा निर्धारित पाठ्यक्रम के अनुसार प्रत्येक खण्ड में से दो प्रश्न पूछे जाएंगे। कुल आठ प्रश्न पूछे जाएंगे। प्रत्येक प्रश्न के 15 अंक होगे।
नोटः पारिभाषिक शब्दावली वाले प्रश्न में एक–एक अंक के कुल 15 शब्द दिए जाएंगे।

<u>परीक्षार्थी के लिए आवश्यक दिशा निर्देश :–</u>

परीक्षार्थी प्रत्येक खण्ड में से अनिवार्यतः एक प्रश्न का उतर देते हुए कुल पांच प्रश्नों का उतर देगा । पाँचवां प्रश्न किसी भी खण्ड में से किया जा सकता है। प्रत्येक प्रश्न के 15 अंक होगे। प्रश्नोत्तर पाँच पृष्ठों तक सीमित हो।

निर्धारित पाठ्यक्रम :
खण्ड – क

सप्रसंग व्याख्या के लिए निर्धारित कृति :
काव्य–कुसुम : संपादक – डॉ० सुधा जितेन्द्र,
प्रकाशक : भारत पुस्तक भण्डार, दिल्ली।

<u>निर्धारित कवि तथा उनकी कविताएँ :</u>
भारतेन्दु हरिश्चन्द्र ('निज भाषा गौरव' 'घर की फूट')
मैथिलीशरण गुप्त ('कह मुक्ति भला किस लिए तुझे मैं पाऊँ', 'पुरुष हो पुरुषार्थ करो, उठो')
जयशंकर प्रसाद ('अरुण यह मधुमय देश हमारा', 'बीती विभावरी जाग री')
सूर्यकान्त त्रिपाठी निराला ('जागो फिर एक बार', 'स्नेह निर्झर बह गया है')
हरिवंशराय बच्चन ('जो बीत गई', 'मधुशाला')
सच्चिदानन्द हीरानन्द वात्स्यायन 'अज्ञेय' ('भाषा–पहचान', 'साँप')
गजानन माधव मुक्तिबोध ('मुझे कदम–कदम पर', 'पूंजीवादी समाज के प्रति')
नागार्जुनः ('अकाल और उसके बाद', 'सत्य')
सुदामा पांडे धूमिल ('मतदाता', 'सच्ची बात')
कुमार विकल ('एक छोटी–सी लड़ाई', 'बायस्कोप')

खण्ड – ख

काव्य–कुसुम से चयनित कवियों का सामान्य परिचय एवं कविताओं की मूल संवेदना, सार, उद्देश्य से संबंधित प्रश्न

खण्ड – ग

आदर्श हिन्दी व्याकरण तथा सैद्धान्तिकी – डॉ० एच.एम.एल. सूद,
प्रकाशक : वागीश प्रकाशन, जालन्धर।
सैद्धान्तिक व्याकरण :   संज्ञा की परिभाषा तथा भेद
                        सर्वनाम की परिभाषा तथा भेद–उपभेद
                        विशेषण की परिभाषा तथा भेद–उपभेद
क्रिया की परिभाषा तथा भेद
व्यावहारिक व्याकरण :   विपरीतार्थक शब्द, समानार्थक शब्द, शब्द युग्म

खण्ड – घ

अनुवाद : अर्थ, स्वरूप तथा उपयोगिता
कार्यालयी टिप्पणियां / अनुदेश

(क)   अंग्रेजी से हिन्दी

Above mentioned	उपरिलिखित
Action may be taken as proposed	यथा प्रस्तावित कार्यवाही की जाए
Approved as proposed	यथाप्रस्ताव अनुमोदित
Action immediately please	कृपया तत्काल कार्यवाई करें
As far as possible	यथासम्भव
Beg to state	निवेदन है
Boarding and Lodging	आवास और भोजन
By all means	अवश्यमेव, निःसंदेह
Contact 'A' and obtain the information today Please	'ए' से सम्पर्क करें और आवश्यक सूचना आज ही ले लें।
Complete the statement and put up detailed remarks without further delay.	विवरण को पूरा करें और विस्तृत टिप्पणी देकर अविलम्ब प्रस्तुत करें।
Case has been closed	मामला समाप्त
Call for the remaining statements	शेष विवरणों को मंगवाएं
Circulate amongst the staff	कर्मचारियों में पारिचारित करें
Delay may be avoided	विलम्ब न करें
Do the needful	आवश्यक कार्यवाई हेतु
Duly filled in	विधिवत् भरा हुआ
Duly verified	विधिवत् सत्यापित
Early action please	शीर्घ कार्यवाई करें
Early reply is solicited	शीघ्र उत्तर की प्रार्थना है।
Eligibility is certified	पात्रता प्रमाणित
Errors and omissions	भूल चूक
Fix responsibility and put up explanation of the staff concerned	उत्तरदायित्व निश्चित करें और सम्बन्धित कर्मचारी का स्पष्टीकरण प्रस्तुत करें।
For immediate action	त्वरित कार्यवाही हेतु
For or against	पक्ष अथवा विपक्ष में

Give necessary facilities	आवश्यक सुविधाएं दें
In reply to	के उत्तर में
Kindly consider	कृपया विचार करें
May be considered	विचार किया जाये
On behalf of	की ओर से
Verified and found correct	सत्यापित किया और सही पाया

(ख) हिन्दी से अंग्रेज़ी

के अनुसार	According to
समुचित विचार के बाद	After adequate consideration
यथा प्रस्तावित	As proposed
सहमति है	Agreed
अनुमोदित	Approved
की ओर ध्यान आकर्षित किया जाता है	Attention is invited to
किसी प्रकार से	By any means
के आदेश से	By order
फिलहाल	For the present
अगला प्रतिवेदन प्रतीक्षित	Further report is awaited
पक्के नियम	Hard and fast rules
प्रास्थगित रखा जाये	Keep in obeyance
कृपया पावती दें	Kindly acknowledge receipt
कृपया पुष्टि करें	Kindly confirm
आदेश जारी कर दिए जायें	Orders may be issued
कृपया शीघ्र प्रस्तुत करें	Please put up early
कृपया बात / विचार–विमर्श करें	Please speak/discuss
कृपया इस मामले की शीघ्र छानबीन कराएं और विस्तृत नोट शीघ्र प्रस्तुत करें।	Please have the matter examined early and put up detailed note
कृपया इस पर अपने विचार प्रस्तुत करें।	Please put up comments on this
प्रस्तुत करें	Put up
यदि दस दिन तक कोई उत्तर न आए तो स्मरण कराएं	Remind after 10 days if no reply is received by then.
खेद है	Regret
स्वीकृत	Sanctioned
प्रस्तुत है	Submitted
प्रमाणित किया जाता है।	This is to certified
इस पर अत्यधिक विलम्ब हो गया है	This has been badly delayed
इस पर व्यक्तिगत ध्यान देने की आवश्यकता है।	This needs personal attention
निम्नलिखित	under mentioned
के सन्दर्भ में	With reference to
सक्षम अधिकारी कौन है?	Who is competent authority?

B.A. SEMESTER–II
BPBI-1203
ਚੋਣਵੀਂ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 06   ਕੁੱਲ ਅੰਕ: 100
ਕੁੱਲ ਘੰਟੇ: 90   ਥਿਊਰੀ ਅੰਕ: 75
ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 25

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹਨ। ਪ੍ਰੀਖਿਅਕ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।
ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ-ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75 + 25 = 100 ਹਨ।

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective

- ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਆਰੰਭ ਅਤੇ ਸਾਹਿਤ ਰੂਪਾਂ ਦੇ ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ।
- ਇਕਾਂਗੀ ਦੀ ਪੜ੍ਹਤ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣਾ।
- ਦਫਤਰੀ ਅਤੇ ਘਰੇਲੂ ਚਿੱਠੀ-ਪੱਤਰ ਲਿਖਣ ਦੀ ਤਕਨੀਕ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ।
- ਭਾਸ਼ਾਈ ਸੰਕਲਪਾਂ ਦੇ ਅਧਿਐਨ ਰਾਹੀਨ ਭਾਸ਼ਾ ਵਿਚ ਮੁਹਾਰਤ ਪੈਦਾ ਕਰਨਾ।

ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)

- ਵਿਦਿਆਰਥੀ ਇਕਾਂਗੀ ਦੇ ਵਿਸ਼ਾਗਤ ਤੇ ਰੰਗਮੰਚੀ ਪਹਿਲੂਆਂ ਨੂੰ ਸਮਝ ਆਪਣੇ ਗਿਆਨ ਨੂੰ ਵਧਾਵੇਗਾ।
- ਉਹ ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਇਤਿਹਾਸਕ ਵਿਕਾਸ ਨੂੰ ਸਮਝੇਗਾ।
- ਉਹ ਚਿੱਠੀ-ਪੱਤਰ ਦੀ ਤਕਨੀਕ ਰਾਹੀਂ ਆਪਣੀ ਲਿਖਤ ਨੂੰ ਪਕੇਰਾ ਕਰੇਗਾ।
- ਉਹ ਵਿਦਿਆਰਥੀ ਭਾਸ਼ਾਈ ਸੰਕਲਪਾਂ ਦੇ ਅਧਿਐਨ ਰਾਹੀਂ ਭਾਸ਼ਾ ਵਿਚ ਮੁਹਾਰਤ ਹਾਸਿਲ ਕਰੇਗਾ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ–ਪਹਿਲਾ

ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1901 ਤੋਂ 1995 ਤਕ)
ਡਾ. ਜਸਵਿੰਦਰ ਸਿੰਘ ਅਤੇ ਡਾ. ਮਾਨ ਸਿੰਘ ਢੀਂਡਸਾ (ਸੰਪਾ.), ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
(ੳ) ਆਧੁਨਿਕ ਸਾਹਿਤ ਦਾ ਆਰੰਭ
(ਅ) ਸਾਹਿਤਕ ਰੂਪਾਂ ਦਾ ਇਤਿਹਾਸ: ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ
(ੲ) ਸਾਹਿਤਕ ਰੂਪਾਂ ਦੀਆਂ ਧਾਰਾਵਾਂ ਤੇ ਪ੍ਰਵਿਰਤੀਆਂ

ਭਾਗ–ਦੂਜਾ

ਮੰਚ ਘਰ
ਡਾ. ਕੁਲਦੀਪ ਸਿੰਘ ਧੀਰ ਅਤੇ ਹਿਰਦੇਜੀਤ ਸਿੰਘ ਭੋਗਲ (ਸੰਪਾ.), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
(ਇਕਾਂਗੀ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਪਾਤਰ ਉਸਾਰੀ/ਕਲਾ ਪੱਖ)

ਭਾਗ–ਤੀਜਾ

(ੳ) ਦਫ਼ਤਰੀ ਅਤੇ ਘਰੇਲੂ ਚਿੱਠੀ ਪੱਤਰ

(ਅ) ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ: ਪਰਿਭਾਸ਼ਾ, ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ ਦੇ ਨਿਯਮ

ਭਾਗ–ਚੌਥਾ

ਕੋਸ਼ਕਾਰੀ ਅਤੇ ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ:

(ਕੋਸ਼ਕਾਰੀ ਦੀ ਪਰਿਭਾਸ਼ਾ/ਵਰਗੀਕਰਨ/ਪੰਜਾਬੀ ਕੋਸ਼ਕਾਰੀ ਦਾ ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ)

B.A. SEMESTER–II
Course Code: BFAA-1209
FINE ARTS
PAPER–A: HISTORY OF INDIAN SCULPTURAL (THEORY)

Credit hours /week: 2   **Total Marks: 100**
Total hours: 30   **Paper A:Theory Marks: 35**
Time: 3 Hours   **Internal Assessment Marks: 25**

Note: Instructions for the Paper Setters:

35 Marks for the theory paper and 20 marks for each practical
The question paper will cover the entire syllabus.
Questions should be based on world famous paintings and sculptures whose slides are easily available.
Question paper should cover the syllabus uniformly.
The paper setter should set the paper in two sections, A and B.
The division of the marks will be as under.

Section-A: 10 marks for 10 objective questions. Each question carries 1 mark.
Section-B: 25 marks for 5 questions. The examiner will set 8 questions. The candidate will attempt 5 questions of 5 marks each.

Course Objectives:
This aims to make the subjects aware of the different phases of art history.
This course will provide understanding about how art uniquely expresses human thoughts, values and emotions.
Compare and contrast artistic styles from different historical periods and cultures.
The purpose of this course is to introduce students to the emergence and development of art traditions from the Mauryan period to the Kushan period.
Students will learn about past history, mythology and significant importance in today's life.

Unit-I
Mauryan Art:
        What do you mean by Mauryan Pillars?
        Lion Capital of Sarnath
        Bull Capital from Rampurva
        Yakshi from Didarganj
        Yaksha from Parkham

Unit-II
Stupa, Chaityas and Viharas
        Karle and Bhaja Caves
        Bharhut Sculptures:
        Dream of Queen Maya
        Cholakoka Devata

Unit-III

Sanchi Stupa
Amaravati

Unit-IV

Kushana Period:

Mathura Art
(i) Portraits–Kanishka and Vima Kadphises
(ii) Seated Buddha from Katra
(iii) Head of Buddha
(iv) Gandhara Art
(v) Standing Bodhisattva

Suggest Readings:

Mauryan Art and Archticture (321-185 BC); Publisher- Kaveri Books; Author- Deo Parkash, Madhuri shharma; Year-2017.
Ancient Art of Gandhara and Mathura; Publisher- Serial Publication Pvt Ltd; Author-Mukesh Kumar Mishra; Year 2016.
Sanchi; Publisher-Oxford university Press USA; Author-M.K.Dhavalikar; Year 12 May 2005.
Chaitya & vihara; Author-Nitish varshney, sahil Manglani, gautam Seth; Year 2012.

Course Outcomes:

Get basic knowledge up to the advanced level of sculptures of India
Gain knowledge about the development process in the field sculpture in different style in India
Know the different mediums and techniques in which sculptures have been done.
Examine the development of the sculpture in the particular period.
Analyze cultural and historical context in which works of art are made.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
COURSE CODE: BFAB-1209
FINE ARTS
PAPER–B: STILL LIFE STUDY (PRACTICAL)

Time: 5 Hrs.   **Marks: 20**
Credit Hours (per week): 2 hrs.
Total Hours: 30 hrs.

Course Objectives:
1. Create and implement the concepts and basic principles of still life.
2. It helps develop fine motor skills and memory retention.
3. Students learn about the objects pictured in still life.
4. Students would learn how to capture a drawing such as what is in the foreground and what is in the background.
5. Students learn drawing is a great way to learn how to create 3D forms using teaching methods and using lighting to develop scenes.

Study different types of still objects. Emphasis should be given to Proportion, Volume, Texture and light and shade.
Number of Objects: Three excluding drapery.
Medium: Any Medium
Size: ½ Imperial
Candidates will submit:-
   (i) 5 sheets of each paper
   (ii) Sketch book containing 50 sketches.

Course Outcomes:
1. Understand the basics of drawing and colour application.
2. Get basic knowledge on composition.
3. Understand the elements of art practically while studying the objects in front.
4. Practice the still life art which strengthens their natural level of drawing ability.
5. Develop the Artistic view.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER – II
COURSE CODE: BFAC-1209
FINE ARTS
PAPER–C: HEAD STUDY (Male/Female) (PRACTICAL)

Time: 5 Hrs.   **Marks: 20**
Credit Hours (per week): 2 hrs.
Total Hours: 30 hrs.

Course Objectives:
1. Head Study allows art students to do a detailed study of the human head and learn movement, balance, proportion, weight etc.
2. It strengthens focus and strategic thinking.
3. It enables the visualization power and develops perception and ideas.
4. It develops Fine Motor skills and improves hand- eye coordination which helps students in future.

Study of skills and Anatomy of the human head.
Medium: Pencil Shading or Charcoal
Size:-1/2 imperial
Candidates will submit:-
(i) 5 sheets of each paper
(ii) Sketch book containing 50 sketches.

Course Outcomes:
1. Get basic understanding on portraiture.
2. Become aware of the initial stage of portrait in monochrome
3. Enhance their creative power.
4. Create and implement the concepts and basic principles of head study.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
Geography
Course Code-BGEO-1219
Physical Geography–II
Climatology & Oceanography
(Theory)

Credit hours (per week): 4   **Max. Marks: 100**
Total hours: 60   **Theory Marks: 45**
Time: 3 Hours   **Practical Marks: 30**
                                           Internal Assessment: 25 Marks

Instructions for the Paper Setters:

A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt any 5 questions in about 20–30 words each. Each question will carry 1marks **(Total 5 marks).**
The whole syllabus will be divided into 4 units. Eight questions will be set out of the whole syllabus, 2 from each unit. The students will be required to attempt one question from each unit. Each question carrying 10 marks. These will be in addition to the compulsory question at serial number 1 **(Total 40 marks).**
Special credit will be given to suitable use of maps and diagrams.

Course Objectives:
The main objective of climatology to study the unique characteristics of atmosphere in controlling the global climate, origin, types of climate, causes and processes influencing the climatic variations and elements of weather.

UNIT–I

Climatology: Definition of Climate and Weather and its element and controls. Physical structure of the atmosphere and attributes of different layers.
Atmosphere: Chemical composition of the atmosphere: Dust particles, vapor, particles, active gases, inert gases.
 Insolation and Temperature: Factors affecting insolation, factors affecting temperature of a place. Vertical and horizontal distribution of temperature.

UNIT–II

Atmospheric Pressure belts and Planetary winds characteristics. **Atmospheric Moisture**: Precipitation forms and types of rainfall.

UNIT–III

Oceanography: Definition of oceanography
Topography of the ocean basins; continental shelf, continental slope, deep sea plain and oceanic deep**. Features**: Trench, trough, oceanic ridge, guyots, seamount
Salinity of ocean water.

UNIT–IV

Movements of Oceanic Waters:
Surface currents of the oceans: Pacific, Atlantic, Indian

Recommended Books:-

1. Bhutani, Smita: Our Atmosphere, Edited by R.C. Chandna, Kalyani Publishers, Ludhiana, Delhi, 2002.
2. Critchfield, H.J.: General Climatology, Prentice Hall of India, Private Ltd., New Delhi, 1983.
3. Gross, Grant, M.: Oceanography: A View of the Earth, Prentice Hall, New Jersey, 1995.
4. Lal, D.S.: Climatology, Sharda Pustak Bhawan, Allahabad, 2011.
5. Mathew, J.R.: Climatology, McGraw Hill, New Latest Edition.
6. Monkhouse, F.J.: The Principles of Physical Geography, University of London Press, London Latest Edition, 1975.
7. Pattersen, S.: Introduction to Meterorology, McGraw Hill Book Co., London, Latest Edition.
8. Stringer, E.T.: Foundations of Climatology. Subject Publications, Delhi, 1982.
9. Trewartha, G.T.: An Introduction to Climate, McGraw Hill Book Co., New Delhi, International Student Edition, 1980.
10. Khan, N.: An Introduction to Physical Geography. Concept New Delhi, 2002.
11. King, C.A.M.: Beaches and Coasts, E. Arnold, London, 1959.
12. King, C.A.M.: Oceanography, E. Arnold, London, Latest Edition.
13. Sharma, R.C. & M. Vatel: Oceanography for Geographers, Chetyna, Allahabad 1970.
14. Shepar, F.P. : Submarine Geology, Harper & Sons, New York, 1948.
15. Sverdrup, H.U. et.al. : The Oceans. Prentice Hall, New Jersey, U.S.A. 1959.
16. Singh, Savinder: Physical Geography, Pravalika Publications, Allahabad, 2015.

Course outcomes	
Sr. No.	**On completing the course, the students will be able to:**
CO-1	Greater understanding of the nature scope of climatology.
CO-2	Acquire clear concepts of climatology.
CO-3	3 Interaction between the earth s atmosphere and the earth s surface and how Atmospheric moisture works.
CO-4	4 Ability to analyze physical and chemical properties of sea water, bottom relief and distribution of oceanic resources.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
GEOGRAPHY

Course Code Bgeop- 1219
Cartography–II
(Practical)

Credit hours (per week): 2	**Max. Marks: 30**
Total hours: 20	**Written Paper: 15 Marks**
Time: 3 Hours	**Viva: 07 Marks**

COURSE OBJECTIVES:
Particularly to show directions and bearing and different methods of representing relief knowledge of directions and bearings is essential and an introduction to weather maps is also required.

UNIT-I

Bearing, Enlargement and reduction:

Direction and bearing: Plotting of a course, true north, magnetic north, finding true north with the pole star, watch method and a rod method and its conversion.

Enlargement and Reduction: Graphic method- Square and triangle

UNIT–II

Weather Maps:
General Introduction to the study of weather maps, the scheme of weather symbols including Beaufort's scale employed in Indian daily weather maps; weather in India: summer season (period of summer monsoon), winter season, forecasting of weather through the study of weather maps and recent advances in weather forecasting.

Note:

1. A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt 6 short answer type questions in about 25–30 words each. Each short answer type question will carry ½ mark **(Total 3 marks).**

2. The whole syllabus will be divided into 2 units. Eight questions will be set out of the whole syllabus, four from each unit. The students will be required to attempt two questions from each unit. Each question will carry 3 marks. These will be in addition to the compulsory question at serial number one**. (Total 12 marks)**

3. Evaluation of Practical record will be done at the time of viva–voce examination. A minimum of 12 sheets are to be prepared by the students in each semester.

4. In case the candidate has applied for the improvement, he/she should be required to make a fresh practical note book.

Recommended Books:-

1.   Khullar, D.R.: Essentials of Practical Geography, New Academic Publishing Co., Mai Hiran Gate, Jalandhar, 2016.
2.   Singh, Gopal: Mapwork and Practical Geography, Vikas Publishing House, Pvt. Ltd., New Delhi,1995.
3.   Singh L.R. &Singh, Raghunandan: Mapwork and Practical Geography, Central Book Depot, Allahabad, 1993.
4.   Phyllis Dink: Mapwork, Atma Ram & Sons, 1991.

Further Readings:-

1.   Mishra, R.P. & Ramesh, A.: Fundamental of Cartography, Concept Publishing Co., New Delhi, 1989.
2.   Monkhouse, F.J. & Wilkinson, H.R.: Maps and Diagrams, Methuen & Co., London, Third Edition, 1976.
3.   Robinson, A.H. & Randall, D. Sale: Elements of Cartography, John Wiley & Sons, New York, (SixthEdition), 1995.

COURSE OUTCOMES	
S.NO.	**On completing the course, the students will be able to:**
CO-1	Understand the symbols of weather maps.
CO-2	Understand the conventional symbols.
CO-3	Students will gain in depth knowledge of all directions

B.A. SEMESTER–II
History
Course Code: BHIS-1210
History of India upto A.D. (1000-1707)

Credit hours /week: 4	**Total Marks: 100**
Total hours: 60	**Theory: 75 Marks**
Time: 3 Hours	**Internal Assessment: 25 Marks**

Instructions for the Paper Setters:
Section–A: The examiner will set 8 questions from entire syllabus and the candidate will attempt 5 questions carrying 3 marks each. Answer to each question shall be in about 100 words. The total weightage of this Section will be 15 marks.

Section–B: The examiner will set 8 questions, two from each Unit. The candidate will attempt 4 questions selecting one from each Unit in about 1000 words. Each question will carry 15 marks. The total weightage of this Section will be 60 marks.

Important Note: Paper Setter must ensure that questions in **Section–A** do not cover more than one point, and questions in **Section–B** should cover at least 50 per cent of the theme.
The Paper Setter is to set the question paper in three languages i.e. English, Punjabi & Hindi.

Course Objectives: The main objective of this course is to provide knowledge of the establishment and expansion of the Muslim rule in India from 1000 to 1707 A.D. It aims to provide the information about the rise of Islam in India and administrative, social and economic structures under Delhi Sultanate and the Mughals. It also highlights the growth of Art, Architecture and Literature during the period under study. It intends to provide information about the Vijaynagar Empire and Rise of the Marathas power under Shivaji.

Unit – I

1. **The Conquests of the Ghaznavis and Ghauris:** Political Condition of India; Invasions of Mahmud Ghaznavi; their Effects; Battles of Muhammad Ghauri; Causes of the Success of the Turks

2. **Establishment of the Sultanate of Delhi:** Political and Military Development under Qutabuddin Aibak; Iltutmish and his Successors; Consolidation of the Sultanate under Balban and the Mongol Invasions

Unit – II

3. **The Khaljis:** Emergence of the Khaljis under Jalaluddin and AlauddinKhalji; Alauddin's Conquests; the Mongol Invasions; Treatment of the Nobility; Land Revenue Reforms; Economic Reforms. **The Tughlaqs:** Muhammad–bin–Tughlaq; His Experiments; Causes of Disaffection and Revolts; Feroze Tughlaq; Administrative and Economic Policies and their Effects; Taimur's Invasions.

4. **The Vijaynagar Kingdom:** Establishment and Expansion; Polity; Economy and Administration; Art and Architecture.

Unit – III

5. **Mughal–Afghan Struggle (1526–1556):** Political Condition of India; Advent of the Mughals under Babur; Battle of Panipat and its aftermath; Battle of Kanwaha; Battles of Humayun; Expansion of the Afghan Power under Sher Shah Suri; Administrative Reforms; Return of Humayun

6. **Re–establishment and Expansion of the Mughal Empire under Akbar:** Conquests; Extent of Empire; Religious Policy; Rajput Policy. **The Mughal Government, Administration and Culture:** Position of the King; Central and local Administration; Land Revenue System; Mansabdari; Jagirdari; State Policy towards Agriculture; Trade and Commerce; Literature; Art, Architecture and Culture

Unit – IV

7. **The Establishment of Maratha Power:** The Rise of Shivaji; Maratha Administration; Land Revenue System; Chauth and Sardeshmukhi

8. **Expansion and Decline under Akbar's Successors**: Jahangir and Mewar; North–Western Campaigns; Extension of Influence over the Deccan; Conquest of Ahmednagar by Shah Jahan; Rise of Aurangzeb to Power

Readings:

Muzaffar Alam, Sanjay Subrahmanyam (eds.), *The Mughal State (1526-1750), O*xford University Press, New Delhi, 1998.

Satish Chandra, *Medieval India from Sultanate to the Mughals (1206-1526),*Har Anand Publications, New Delhi, 1997.

_____,*Medieval India from Sulanate to the Mughals (1526-1748),*HarAnand Publications,New Delhi, 1997.

_____, *History of Medieval Indian History,* Oxford University Press, New Delhi,1987.

Tapan RayChaudhari, and IrfanHabib, *The Cambridge Economic History of India*(c.1200-c.1750),Vol. I,Longman,New Delhi, 2007.

IrfanHabib, *Medieval India: The Study of Civilization,* National Book Trust, NewDelhi, India, 2008.

N.Jaypalan, *Medieval History of India,* Atlantic Publishers, New Delhi, 2001. K.L.Khurana,*Medieval India (1000-1761A.D),* Lakshami Narain Agarwal, Agra, 1994.A.B.Panday, *Early Medieval India,* Central Book Depot,Allahabad,1974.

_____, *Later Medieval India,* Central Book Depot, Allahabad,1976.

I.H.Qureshi, *TheAdministration of the Sultanate of Delhi*, New Delhi, 1971.

S. A .A. Rizvi, *The Wonder That Was India* (1200-1700 A.D), Vol. II, Rupa& Co. New Delhi, 1996.

Course Outcomes:

After completion of the course, the students will be able to learn:

CO-1- Polity, Economy and Society during Medieval India.

CO-2- The emergence, growth and decline of various dynasties.

CO-3- The emergence of composite culture in India.

CO-4- The rise of Hindu dynasties: Vijaynagar and Marathas during the rule of the Turks and the Mughals.

CO-5- The legacy of the Sultanate and the Mughal period i

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
Mathematics
Course Code: MAT-121A
Calculus and differential equations

Credit Hours /Week:- 4 **Total Marks: 50**
Total Hours:- 60 **Theory: 38 Marks**
Time:- 3 Hours **Internal Assessment: 12 Marks**

Instructions for the Paper Setters:
1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D and E from Unit-I, II, III and IV, respectively.
2. The Section–A will consists of eight compulsory questions, each of one mark.
3. The Section–B, C, D& E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
4. Teaching time for this paper would be six periods per week.

Course Objectives:
- Calculus is a branch of mathematics focused on limits, functions, derivatives, integrals, and infinite series.
- This subject constitutes a major part of contemporary mathematics education. Calculus has widespread applications in science, economics, and engineering and can solve many problems for which algebra alone is insufficient.
- A differential equation is a mathematical equation that relates some function with its derivatives.
- In applications, the functions generally represent physical quantities, the derivatives represent their rates of change, and the differential equation defines a relationship between the two Differential equations have applications in fields of engineering, physics, economics, and biology.
-

Course Content:

Unit-I
Asymptotes, Tests for concavity and convexity, Points of inflexion, Multiple Points, Curvature, Tracing of Curves (Cartesian and Parametric coordinates only).

Unit-II
Integration of hyperbolic functions. Reduction formulae. Definite integrals. Fundamental theorem of integral calculus. Quadrature, rectification.

Unit-III
Exact differential equations. First order and higher degree equations solvable for x,y,p. Clairaut's Form and singular solutions. Geometrical meaning of a differential equation. Orthogonal Trajectories.

Unit-IV
Linear differential equations with constant and variable coefficients. Variation of Parameters method, reduction method, series solutions of differential equations. Power series Method, Bessel and Legendre equations (only series solution).

Books Prescribed:

D.A. Murray: Introductory Course in Differential Equations. Orient Longman (India), 1967.
G.F. Simmons: Differential Equations, Tata McGraw Hill, 1972.
E.A. Codington: An Introduction to Ordinary Differential Equations, Prentice Hall of India, 1961.
Gorakh Prasad: Integral Calculus, Pothishala Pvt. Ltd., Allahabad.
Erwin Kreyszig: Advanced Engineering Mathematics, John Wiley and Sons, 1999.
Shanti Narayan and P.K. Mittal: Integral Calculus, S Chand & Company

Course Outcomes: On completing the course, the students will be able to:
- acquaint with the limits, functions, derivatives, integrals, and infinite series.
- associate Differential equations with the Mathematical modeling.
- solve multifarious differential equation that relates functions with its derivatives.
- know about concavity and convexity of the functions, Asymptotes and multiple points of a curve.
- Have knowledge about applications in fields of engineering, physics, economics, and biology.

B.A. SEMESTER–II
Mathematics
Course Code: MAT-121B
Calculus

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for Paper Setters:
1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of SEVEN compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
4. Teaching time for this paper would be six periods per week.

Course Objectives:
- This course introduces the concept of partial derivatives which are used in fields such as computer graphics, physical sciences, vector calculus and engineering.
- Evaluate double and triple integrals of functions of several variables. Apply them in evaluating area and volume of solids.

This course covers the concepts of jacobians, maxima and minima of functions of two variables, envelopes and evolutes.

Unit-I

Limit and Continuity of functions of two variables, Partial differentiation, Change of variables, Partial derivatives and differentiability of real–valued functions of two variables, Schwartz's and Young's Theorem, Statements of Inverse and implicit function theorems and applications.

Unit-II

Euler's theorem on homogeneous functions, Taylor's theorem for functions of two variables, Jacobians, Envelopes. Evolutes, Maxima, Minima and saddle points of functions of two Variables.

Unit-III

Lagrange's undetermined multiplier method. Double and Triple Integrals, Change of variables, Change of order of integration in double integrals.

Unit-IV

Applications to evaluation of Areas, Volumes, Surfaces of solid of revolution.

Books Prescribed:

Narayan, S. & **Mittal**, P.K. : Integral Calculus, S. Chand & Co.
Kreyszig, E.: Advanced Engineering Mathematics.
Narayan S. & Mittal, P.K. : Differential Calculus, S. Chand & Co.

Course Outcomes: On completing the course, the students will be able to:
apply Calculus in various fields such as computer graphics, physical sciences, economics and engineering.
use Calculus in oceanography to calculate the height of tides in oceans.
understand concept of partial derivatives which are used in fields such as computer graphics, physical sciences, vector calculus and engineering.
learn about evaluating double and triple integrals of functions of several variables and apply them in evaluating area and volume of solids.
Understand the concepts of jacobians, maxima and minima of functions of two variables, envelopes and evolutes.

B.A. SEMESTER–II
Music (Vocal)
Course code: BMUV-1217-A
(Theory)

Credit Hours /week: 2   Total Marks: 100
Total hours: 30   Theory: 35 Marks
Time: 3 Hours   Practical Marks: 40
                                                            Internal Assessment: 25 Marks

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.
  I.   **While sending the syllabus to papersetter in theory the syllabus prescribe**
       for the paractical paper should also be sent.
 II.   **The papersetter should set the paper into two sections Aand B.**
III.   **Section-A: First question will consist of 7 objective type questions which will be**
       compulsory to all carrying 01 mark each.
 IV.   **Section-B: The paper setter will set eight questions, selecting at least one question**
       fromeach Section (A-D). Students are required to attempt any four questions,
       carrying 7 marks each.

Programme objective: Student will gain additional understanding of advance theoretical or comCOsitional technique some of the ragas with their detailed singing style and understanding of analysis a comCOsition of music in the style of common practice period.Student will gain musicianship skills in both aural perception and sight singing relative to music in the style of common practice period. To gain musical terminology student gain advance knowledge in practical field of music.

Section-A
  1. Historical Development of Inddian Music in Vedic Period.
  2. Definition and explanation of the following Musical Terms: Raga, Thata, Vadi, Samvadi, Meend.

Section-B
  3. Salient features of Time Theory in Indian Music.
  4. Contribution and Life Sketches of the following musicians: Pt. Vishnu Narayan Bhathkhande, V.D. Puluskar.

Section-C
  5. Description and notation of the following Ragas: Kalyan, Asavari, Kafi.
  6. Description and notation of the following Taals: Kehrva, Ektal

Section-D
  7. Contribution of Bhai Mardana towards Music.
  8. Definition and explanation of the following terms in the context of Gurmat Sangeet: Astpadi, Ank, Kirtaniya, Pada.

Books Recommended:

1. Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2. Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.

3. Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.

4. Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.

5. Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6. Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.

7. Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991

8. Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Get knowledge about great musicians who dedicated their whole life for music.
CO-2. know about various raga of Indian music

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B.A SEMESTER-II
Music (Vocal)
Course code: BMUV-1217-B
(PRACTICAL)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

1. One Drut Khayal in each of the following Ragas with simple Alaps and Tanas: Kalyan, Asavari, Kafi.

2. One Vilambit Khayal in any of the Ragas prescribed in the course with simple Alaps and Tanas.

3. Elementary Knowledge of the following non-detailed Ragas: Jaunpuri, Bhimplasi, ShudhKalyan.

4. One Shabad from prescribed Ragas.

5. Ability to play five alankars on the Harmonium based on the Thatas of prescribed Ragas in the course.

6. Ability to recite Kehrva and Ektal showing Khali Tali with handmotion in Ekgun, Dhugan Layakaries.

7. Recitation of Suhag.

8. Ability to play thekas of Keharva & Dadra on Tabla.

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B.A. SEMESTER-II
Music (Instrumental)
Course code: BMUI-1218-A
(Theory)

Credit Hours (per week): 2	**TotalMarks:100**
Total Hours: 30	**Theory Marks:35**
Time:3Hours	**Practical Marks:40**
	Internal Assessment: 25

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

I. While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.

II. The paper setter should set the paper into two sections A and B.

III. Section –A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.

IV. Section-B: The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.

Program Objective: To introduced to various type of instruments of their playing techniques and terminology with the basic knowledge of swaras. It also gives the instrumental techniques of notation system.

Section-A

1. Classification of Indian Musical Instruments.
2. History of Indian music during Vedic Period.

Section-B

3. Definition and explaination of the following musical terms:- Bols of mizraab, Maseetkhani Gat, Razakhani Gat, Vadi, Samvadi.
4. Life-sketch and contribution of the following musicians: - Ustad Vilayat Khan, Ustad Laxman Singh.
5. Explain Alap, Jod and Jhalla.

Section-C

6. Description and notation of following ragas:- Bhairav, Kafi.
7. Brief knowledge of the following ragas:- Kalingra and Bhimplasi.
8. Brief knowledge of the following Talas:- Kehrva and Rupak.

Section-D

9. Contribution of Bhai Mardana towards music.
10. Detailed knowledge of the following instruments used in Gurmat Sangeet:-DiIruba and Saranda.

Books Recommended:

1. Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2. Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.

3. Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.

4. Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.

5. Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6. Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.

7. Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991

8. Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Gain theoretical knowledge of instrumental music

CO-2. Learn to play different instruments**.**

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B.A. SEMESTER–II
Music (Instrumental)
Course code: BMUI-1218-B
(Practical)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

Time:20 minutes for each student

1. Ability to play Ten Alankars of Bhairav Thaat on your Instrument.
2. One Razakhani Gat in each of the following of the Ragas with Toras and Jhalla in Bhairav, Kafi.
3. Ability to recite Kehrva and Rupak Taal by hand in Ekgun and Dugun Layakaries.
4. Ability to play Teen Taal on Tabla.
5. One Dhun based on Folk music of Punjab.

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B.A. SEMESTER–II
Course Code: BPED-1215
Physical Education

Credit Hours (per week): 4   **TotalMarks:100**
Total Hours: 60   **Theory Marks:45**
Time:3Hours   **Practical Marks:30**
                                                         Internal Assessment: 25

Instructions for the Paper Setters:

Part A: Set 5 questions of very short answer type questions selecting at least one from each section. All questions are compulsory. Each question carries 2 marks.   5×2 Marks =10 Marks

Part B: Divide into 4 sections. Set 10 questions of long answer type selecting at least two from each section. Each question carries 5 marks.   7×5 Marks=35 Marks

Instructions for the candidates:

Part A: All questions are compulsory. Each question carries 2 marks.   5×2 Marks =10 Marks

Part B: Candidates have to attempt 7 Questions out of 10.
Each question carries 5 marks.   7×5 Marks=35 Marks

<u>Course Objective:</u>

- **To create awareness of various organs body and their functions to students.**
- **To inform students about basic to his/her body parts.**
- **To aware students about basic food ingredients necessary for body.**
- **To aware students about basic health needs and hygienic conditions.**

Section A

1. Cell: Structure and Functions.

2. Nutrition: Elements of balanced diet, Functional Diet/Food

3. Meaning and scope of health education. Hygiene problems of educational institutions and their remedial measures.

Section B

2. Skeletal System: Types of bones, names of the various bones of the body, various types of joints.

3. Muscular System: Various types of muscles, structure of skeletal muscles.

4. Digestive System: Its organs and mechanism of digestion.

Section C

7. Personal hygiene; Care of eyes, teeth, ears, skin, hair and nail.

8. Air and water pollution and its remedial measures.

9. First aid in case of snake bite, drowning, electric shock, burns, fracture, dislocation, sprain and strain.

Section D

10. Effects of Alcohol and smoking on health.

11. Doping in sports.

12. Communicable Diseases: Mode of transmission, PERvention and control of tuberculosis, hepatitis (A & B), Rabies and HIV/AIDS.

B.A. SEMESTER–II
Physical Education (Practical)

Practical (External) Marks: 30

Athletics Performance ——————— 100M, Long Jump : 6 marks
Games (Boys & Girls)——— Fundamentals, Rules, Performance
Handball, Kho–Kho: 6 marks
Viva: 6 marks
Practical file: 6 marks
Specific game performance: 6 marks

Suggested Readings:

John Raynor Anatomy and Physiology, New York, Harper & Row, 1983.
Rose and Wilson Foundations of Anatomy and Physiology, 1981, 5th ed.
Parror, J.W. anatomy and Physiology for Physical Education Teachers, Lend; Edward Arnold Healthful
Living McGraw Hill, 1983.
Tadan D.K. et al,: Scientific basis of Physical Education and Sports, Friends Publication,
New Delhi, 2001.
Singh Ajmer and Gill Jagtar: Essentials of Physical Education and Olympic Movement,
Kalyani Publishers, Ludhiana, 2004.
Kang G.S.: Anatomy, Physiology and Health Education, Publication Bureau, Punjabi
University, Patiala, 2000.
Kang G.S. and Deol N.S.: An Introduction to Health and Physical Education 21st Century, Patiala, 2008

Sr. No.	On completing the course students will be able to:
CO1	Get information about their body and its functions.
CO2	Become aware about basic food ingredients necessary for body.
CO3	Become aware about basic health needs and hygienic conditions.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
Political Science
Course Code: BPOL-1213
Political Theory and Ideologies

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The motive of the course is to develop understanding about various contending political theories and their relevance in the contemporary times; make the students aware about the origin and functions of the political institutions; develop critical and rational thinking for comprehending contemporary political problems and ensure students' contribution in good governance.

UNIT–I
1. Political Theory: Meaning, Nature and Scope (Traditional &Modern View).
2. Political Ideologies: Liberalism and Marxism; Meaning and Major Ideas.

UNIT–II
3. Liberal theories regarding the origin of the State: Social Contract, Historical/ Evolutionary.
4. Liberal theory of the Nature and Functions of the State.

UNIT–III
5. Marxian theory of the origin of State.
6. Marxian theory of the Nature and Functions of the State.

UNIT–IV
7. Theories of Sovereignty: Monistic and Pluralistic.
8. Theories of Democracy: Liberal, Elitist and Marxist.

Recommended Books:-

1. A. C. Kapur, *Principles of Political Science,* New Delhi: S. Chand & Company, 2014.
2. Andrew Heywood, *An Introduction to Political Theory,* New Delhi: Palgrave Publications, 2007.
3. B.N. Roy, *Political Theory and Thought*, New Delhi: Kaveri Books, 2011.
4. Bhargava, R. and Acharya*, A Political Theory: An Introduction*. New Delhi: Pearson Longman, 2008.
5. D.C. Bhattacharya, *Political Theory,* Calcutta: Vijay Publishing House.
6. David Easton, *The Political System,* Calcutta: Scientific Book Agency, 1917.
7. E. Ashirvatham, *Political Theory,* New Delhi: S. Chand & Company, 2015.
8. J. C. Johari, *Principles of Political Science*, New Delhi: Sterling Publishers, 2007.
9. John Hoffman and Paul Graham, *Introduction to Political Theory,* New Delhi: Pearsons, 2012.
10. M. P. Jain, *Political Theory,* Delhi: Authors Guild Publication, 1981.
11. O. P. Gauba, *An Introduction to Political Theory,* New Delhi: Macmillan India Ltd., 2006.
12. Rajiv Bhargave and Ashok Acharya, *Political Theory,* New Delhi: Pearson, 2008.
13. S.P. Verma, *Political Theory*, New Delhi: Geetanjali Publishing House, 2015.
14. Satish Kumar Sharma, *Adhunik Rajnitik Vishleshan,* Patiala: Publication Bureau, Punjabi University.
15. Vincent, A. *The Nature of Political Theory*. New York: Oxford University Press. 2004

Course Outcomes:
CO-1 Helps the students in understanding the nature, scope and significance of political theory.
CO-2 Makes the students conversant with political theories in the light of two contending political ideologies of Liberalism and Marxism.
CO-3 Acquaints the students with different political ideas in political theory.
CO-4 Helps in understanding various traditional and modern theories of Political Science.
CO-5 Explains the concept of Democracy (Liberal, Elitist and Marxist perspective) and Sovereignty (Monistic and Pluralistic perspective)- its types and related theories.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–II
Psychology
BPSY-1211
Basic Psychological Processes–II
(Theory)

Credit Hours (per week):4   **Max. Marks: 100**
Total Hours: 60   **Theory: 50 Marks**
Time: 3 Hours   **Practical: 25 Marks**
                                              Internal Assessment: 25 Marks

Instructions for the Paper Setters:
Section A: This section will consist of ten short answer type questions, each carrying 2 marks. All questions will be compulsory. Answer to each question shall be in 50 words approximately. The total weightage of this section shall be 20 marks.

Section B: This section will consist of six questions. Candidates shall attempt any three questions. Each question carries 10 marks.

Note: The use of Non–Programmable calculators and Statistical Tables are allowed in the examination.

Course Objectives:
This course will enable students to associate neurophysiology of human brain to human behavior. Students will be imparted the knowledge about theories of motivation, emotions and personality and their role in the regulation of human behavior in different situations. Along with this theoretical knowledge, they will become aware about the significance of descriptive statistics.

UNIT-I
Biological Bases of Behavior:
Nervous System (Central and Peripheral), Glands (Endocrine and Exocrine), Neuron (Structure and functions), Resting and Action Potentials, Synapse, Types of Synapses.

Memory: Nature, Encoding, Storage and Retrieval. Types of memory– Sensory, Short term and long term.

UNIT-II
Motivation and Emotion: Biogenic and Socio-genic motives, instincts, Drives and incentives, Intrinsic–Extrinsic framework, Content Theory, The Need Hierarchy model, Conflicts and Frustration, **Emotions**: Development and Types of Emotions, Theories of Emotions (James Lange & Cannon Bard Theory), Physiological Correlates of Emotions.

Personality: Concept of Personality, Brief introduction of theories of Personality (Freud, Allport, Murray, Cattell and Eysenck), Techniques of Assessment (Psychometric and Projective).
UNIT-III

Measures of Variability: Meaning and Characteristics of good measure of Variability, Range, Quartile Deviation, Average Deviation, Standard Deviation and Variance with their merits and demerits.

B.A. (12+3 System of Education) (Batch 2022-25)

Suggested Readings:

1. Aron, A., Coups, E.J., & Aron, E.N. (2012). *Statistics for Psychology*. New Delhi: Pearson Education.
2. Baron, R.A. (1996). *Psychology*. New Delhi: Prentice Hall of India.
3. Benjamin, Jr. L.T., Hopkings, J.R., & Nation, J.R. (1987). *Psychology*. New York: Mcmillan Publishing Company.
4. Chaplin, J.R., & Kraiwic, T.S. (1985). *Systems and Theories of Psychology*. New York: Holt, Rinehart and Winston, Inc.
5. Ciccarelli, S.K., & White, J.N. (2015) *Psychology*. Boston: Pearson Publishers.
6. Coon, D.L., & Mitterer, J.O. (2007). I*ntroduction to Psychology; Gateways to Mind And Behavior.* Thomson Wadworth.
7. Crooks, R.L., & String, J. (1988). *Psychology; Science, Behavior and Life.* New York: Holt Rinehart and Winston, Inc.
8. Hall, S.S., & Lindzey, G. (1970). *Theories of Personality*. New Delhi: Wiley Eastern Ltd.
9. Jain, S. (2001). *Introduction to Psychology*. New Delhi: Kalyani Publishers.
10. Morgan, G.T., King, P.A., Weisz, T.R., & Schopler, J. (1999). *Introduction to Psychology*. New York: Mcgraw Hill Book Co.
11. Nolen-Hoeksema, S., Fredrickson, B., Loftus, G. and Lutz, C. (2014). *Atkinson & Hilgard's Introduction to psychology*. Hampshire, United Kingdom: Cengage Learning EMEA.
12. Pinel, J.P.J. (2007). *Biopsychology.* New Delhi: Pearson Education.
13. Solso, R.L. (2007). *Cognitive Psychology*. New Delhi: Pearson Education.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	Identify the role of neurophysiology in determining human behaviors.
CO2	Know different theories of motivation, emotion and personality in order to get better view of human beings.
CO3	Apply descriptive statistics on the scores of psychological tools.

B.A. SEMESTER–II
Psychology
BPSYP-1211
Basic Psychological Processes–II
(Practical)

Credit Hours (per week): 2
Marks: 25
Total Hours: 20

Instructions for the Practical Examination:

Students are supposed to perform five practical out of six mentioned in the syllabus. Practical examination will be of three hours duration. External examiner will conduct the practical examination. Students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write–up of file book (10 Marks), performance and viva–voce (15 Marks) related to the practical.

Course objectives: The main aim is to deliver practical and in-depth experience in accordance to the principles learnt in the theory of general psychology. It will help students to administer various psychological tools on other individuals to assess their motivation, personality and memory.

Five Practical have to be performed out of the following:

1. Effect of Knowledge of Results on Performance.
2. Measurement of Motivation through drive induction or level of aspiration.
3. Projective techniques– Incomplete sentence Blank.
4. Personality Inventory- Eysenck's Personality Inventory/ Revised NEO- Personality Inventory
5. Immediate Memory Span.
6. Public opinion survey on any social or psychological issue in society.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	To measure motivation, personality and memory of individuals by using above mentioned psychological apparatus and questionnaires.
CO2	To assess the personality of others by using psychometric and projective techniques.

B.A. SEMESTER–II
Public Administration
Course Code: BPUB-1214
Indian Administration

Credit Hours (Per Week): 4   Max. Marks: 100
Total Hours: 60   **Theory: 75 Marks**
 Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The purpose of the course is to develop understanding about the nature of the Indian administration from federal point of view; foster knowledge about the role of the Chief Executive at district, state and national level and make the students aware about the contemporary issues in Public Administration like permanent and political executive controversy, generalist vs. specialist controversy etc.

UNIT–I

1. Nature of Indian Administration.
2. Nature of Indian Federalism.
3. Centre–State Relations - Legislative, Administrative and Financial.

UNIT–II

4. Central Administration: President, Prime Minister and Council of Ministers.
5. PMO, Cabinet Secretary and Cabinet Secretariat.
6. Control over Administration: Legislative, Executive and Judicial.

UNIT–III

7. State Administration: Governor, Chief Minister and Council of Ministers.
8. Chief Secretary, State Secretariat.
9. District Administration: Features, Structure and Functions , Changing Role of Deputy Commissioner.

UNIT–IV

10. Issues in Indian Administration: Relationship between Permanent and Political Executive,
11. Generalist versus Specialist controversy.
12. Administrative Corruption.

Suggested Readings:-

1. Avasthi and Avasthi, *Indian Administration,* Agra: Lakhsmi Narain Aggarwal, Educational Publishers, 2000.
2. B.L. Fadia, Kuldeep Fadia, *Indian Administration*, New Delhi: Sahitya Bhawan Publishers, 2005.
3. Hoshiar Singh, and Pankaj Singh, *Indian Administration*, Delhi: Pearson, 2011.
4. Padma Ramachandran, *Public Administration in India*, New Delhi: National Book Trust, 1995.
5. Pardeep Sachdeva, *Bharti Prashasan*, Patiala: Panjabi University, 2002.
6. Prasad Kamala, *Indian Administration in India*, New Delhi: PHI Learning, 2010.
7. R.B. Jain, *Contemporary Issues in Indian Administration,* New Delhi: Vishal Publications, 1976.
8. Ramesh K. Arora and R. Goyal, *Indian Public Administration: Institutions and Issues,* New Delhi: New age International Publications, 2015.
9. S.R. Maheshwari, *Indian Administration*, New Delhi: Orient Longman, 2000.
10. S.R. Maheshwari, *State Government in India*, New Delhi: McMillan, 1979.
11. Sarkar Siuli, *Public Administration in India*, New Delhi: PHI Learning, 2010.
12. Vishnoo Bhagwan and Vidya Bhushan, *Indian Administration*, New Delhi: S. Chand & Company, 2000.

Course Outcomes:

CO-1 Strengthens the basic fundamentals of the students by providing them deep insight into the historical evolution of the Indian Administration.

CO-2 Helps in understanding the forms and substance of Indian Administration.

CO-3 Acquaints them with the functioning of Indian Administration at various levels.

CO-4 Makes the students aware about the administrative machinery working at local, regional and national level.

CO-5 Creates awareness about burning issues in Indian Administration.

B.A. SEMESTER–II
Religious Studies
ਧਰਮ ਅਧਿਐਨ
Course Code – BARS-214
ਪ੍ਰਮੁੱਖ ਭਾਰਤੀ ਧਰਮ

ਕ੍ਰੈਡਿਟ: 04   ਕੁੱਲ ਅੰਕ : 100
ਕੁੱਲ ਘੰਟੇ : 60   ਥਿਊਰੀ ਅੰਕ : 75
ਸਮਾਂ : 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ : 25

ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ:

ਪੇਪਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ : ੳ, ਅ, ੲ, ਸ ਅਤੇ ਹ। ਭਾਗ ੳ, ਅ, ੲ, ਸ ਵਿਚੋਂ 2-2 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਇੱਕ-ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਹੋਵੇਗਾ ਅਤੇ ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ 'ਹ' ਵਿਚੋਂ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਹੜੇ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ 1-1 ਅੰਕ ਦਾ ਹੋਵੇਗਾ।

Course Objectives
ਕੋਰਸ ਦੇ ਉਦੇਸ਼:

ਇਸ ਕੋਰਸ ਦਾ ਮੁੱਖ ਉਦੇਸ਼ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਭਾਰਤੀ ਧਾਰਮਿਕ ਪ੍ਰੰਪਰਾ ਦੇ ਪ੍ਰਮੁੱਖ ਧਰਮਾਂ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਹੈ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਰੀਆ ਨਸਲ, ਆਰੀਆ ਦੇ ਧਰਮ: ਵੇਦ, ਬਲੀ, ਯੱਗ ਅਤੇ ਵੈਦਿਕ ਦੇਵਤਿਆਂ ਸਬੰਧੀ ਜਾਣੂ ਕਰਾਉਣਾ। ਹਿੰਦੂ ਧਰਮ ਦੇ ਤਿੰਨ ਮਤਾਂ : ਵੈਸ਼ਨਵ, ਸ਼ੈਵ ਅਤੇ ਸਾਕਤ, ਭਗਵਤ ਗੀਤਾ, ਮਹਾਂਭਾਰਤ ਅਤੇ ਰਮਾਇਣ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ। ਜੈਨ ਧਰਮ ਦੇ ਤੀਰਥੰਕਰਾਂ ਅਤੇ ਭਗਵਾਨ ਮਹਾਂਵੀਰ ਦੇ ਜੀਵਨ, ਪ੍ਰਮੁੱਖ ਜੈਨ ਸਿਧਾਂਤ: 5 ਮਹਾਂਵਰਤਾਂ, ਕਰਮ ਅਤੇ ਮੁਕਤੀ ਦੇ ਸਿਧਾਂਤ, ਧਰਮ ਗ੍ਰੰਥਾਂ ਤੇ ਫਿਰਕਿਆਂ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣਾ। ਮਹਾਤਮਾ ਬੁੱਧ ਦੇ ਜੀਵਨ, ਚਾਰ ਆਰੀਆ ਸਤ, ਧਰਮ ਗ੍ਰੰਥਾਂ ਅਤੇ ਫਿਰਕਿਆਂ ਤੋਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਜਾਣੂ ਕਰਾਉਣਾ।

ਭਾਗ (ੳ): ਵੈਦਿਕ ਧਰਮ

1. ਆਰੀਅਨ ਦੀ ਜਾਣਕਾਰੀ
2. ਆਰੀਆ ਧਰਮ : ਸੰਖੇਪ ਜਾਣਕਾਰੀ (ਵੇਦ, ਬਲੀ ਤੇ ਯੱਗ)
3. ਵੈਦਿਕ ਦੇਵਤੇ : ਬਹੁ_ਦੇਵਵਾਦ

ਭਾਗ (ਅ) : ਹਿੰਦੂ ਧਰਮ

1. ਪ੍ਰਮੁੱਖ ਫਿਰਕੇ : ਵੈਸ਼ਨਵ, ਸ਼ੈਵ ਅਤੇ ਸ਼ਾਕਤ (ਜਾਣ ਪਹਿਚਾਣ ਅਤੇ ਮੁੱਖ ਸਿਧਾਂਤ)
2. ਭਗਵਤ ਗੀਤਾ : ਜਾਣ-ਪਹਿਚਾਣ ਅਤੇ ਮੁੱਖ ਸਿੱਧਾਂਤ
3. ਮਹਾਂਭਾਰਤ ਤੇ ਰਾਮਾਇਣ : ਜਾਣ-ਪਹਿਚਾਣ ਅਤੇ ਮੁੱਖ ਸਿੱਧਾਂਤ

ਭਾਗ (ੲ) : ਜੈਨ ਧਰਮ

1. ਤੀਰਥੰਕਰ ਤੇ ਭਗਵਾਨ ਮਹਾਂਵੀਰ ਦਾ ਜੀਵਨ
2. ਮੁੱਖ ਸਿਧਾਂਤ : ਪੰਜ ਮਹਾਂਵਰਤ, ਕਰਮ ਅਤੇ ਮੁਕਤੀ
3. ਧਰਮ ਗ੍ਰੰਥ ਤੇ ਫਿਰਕੇ

<h2 style="text-align:center">ਭਾਗ (ਸ) : ਬੁੱਧ ਧਰਮ</h2>

1. ਮਹਾਤਮਾ ਬੁੱਧ ਦਾ ਜੀਵਨ
2. ਮੁੱਖ ਸਿਧਾਂਤ : ਚਾਰ ਆਰੀਆ ਸੱਚ
3. ਧਰਮ ਗ੍ਰੰਥ ਅਤੇ ਫਿਰਕੇ

ਸੁਝਾਈਆਂ ਪੁਸਤਕਾਂ ਦੀ ਸੂਚੀ :

English :

1. Bhalla, K.S.,*Major Religions in India*, Star Publications, 2005.
2. Bhasker, V.S., *Faith and Philosophy of Buddhism*, Kalpaz Publications, 2009.
3. *Buddhism*, Punjabi University, Patiala, 1969.
4. David, Neel, Alexander, *Buddhism-Its Doctrines and Its Methods*, B.I. Publications, Grate Britain, 1977.
5. Gopalan, S., *Outlines of Jainism*, Wiley Western Ltd.,New Delhi, 1975.
6. Gupta, Das S. N., *A History of Indian Philosophy*, Vol. I, Cambridge University Press, New York, 1969.
7. Hiriyanna, H., *Outlines of Indian Philosophy*, George Allen & Cnwin Ltd., London, 1931.
8. Hume, R.E., *The Thirteen Principal Upanishads*, Oxford University Press, New York, 1975.
9. Nathmal, Tatia Muni & Mahandra Kumar, *Aspects of Jain Monasticism: Today and Tomorrow*, Jain Vishva Bharti, Printers and Printers, New Delhi, 1981.
10. Richard, A. Gard (Ed.),*Buddhism*, Prentice Hall, International, London,1961.
11. Slevenson, S., *The Heart of Jainism*, Munshi Ram Manohar lal, New Delhi, 1979.

Punjabi:
1. ਅਮੋਲ, ਸ.ਸ, *ਧਰਮਾਂ ਦੀ ਮੁੱਢਲੀ ਜਾਣਕਾਰੀ*, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1999.
2. ਐਮ. ਹਿਰਿਆਨਾ, *ਭਾਰਤੀ ਦਰਸ਼ਨ ਦੀ ਰੂਪ ਰੇਖਾ*, ਅਨੁ. ਪ੍ਰਭਕੀਰਤ ਸਿੰਘ, ਯੂਨੀਸਟਾਰ, ਚੰਡੀਗੜੂ, 2014.
3. ਗੁਪਤਾ, ਸ਼ਾਂਤੀ ਨਾਥ, *ਭਾਰਤੀ ਦਰਸ਼ਨ*, ਪੰਜਾਬ ਸਟੇਟ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜੂ, 1974.
4. ਨਿਰਾਕਾਰੀ, ਆਰ.ਡੀ., *ਭਾਰਤੀ ਦਰਸ਼ਨ*, ਪੰਜਾਬ ਸਟੇਟ ਯੂਨੀਵਰਸਿਟੀ, ਚੰਡੀਗੜੂ, 1994.

Hindi:
1. ਸਿਨਹਾ, ਹਰੇਂਦੂ ਪ੍ਰਸਾਦ, *ਭਾਰਤੀਯ ਦਰਸ਼ਨ ਕੀ ਰੂਪ ਰੇਖਾ*, ਮੋਤੀ ਲਾਲ ਬਨਾਰਸੀ ਦਾਸ, ਦਿੱਲੀ, 1963.
2. ਮਿਸ਼ਰ, ਉਮੇਸ਼ (ਡਾ.), *ਭਾਰਤੀਯ ਦਰਸ਼ਨ*, ਉੱਤਰ ਪ੍ਰਦੇਸ਼, ਹਿੰਦੀ ਸੰਸਥਾਨ, ਲਖਨਊ, 2003.
3. ਰਾਧਾ ਕ੍ਰਿਸ਼ਨਨ, *ਭਾਰਤੀਯ ਦਰਸ਼ਨ*, ਭਾਗ ਪਹਿਲਾ, ਰਾਜਪਾਲ ਐਂਡ ਸੰਨਜ਼, ਦਿੱਲੀ, 1973.

Course Outcomes:

ਕੋਰਸ ਦੇ ਨਤੀਜੇ:
ਕੋਰਸ ਪੂਰਾ ਹੋਣ ਤੋਂ ਬਾਅਦ ਵਿਦਿਆਰਥੀ ਇਹਨਾਂ ਪਹਿਲੂਆਂ ਤੋਂ ਜਾਣੂ ਹੋ ਜਾਣਗੇ:

1. ਵਿਦਿਆਰਥੀ ਭਾਰਤੀ ਧਾਰਮਿਕ ਪ੍ਰੰਪਰਾ ਦੇ ਪ੍ਰਮੁੱਖ ਧਰਮਾਂ ਬਾਰੇ ਜਾਣੂ ਹੋਵੇਗਾ।
2. ਵਿਦਿਆਰਥੀ ਆਰੀਆ ਨਸਲ, ਆਰੀਆ ਦੇ ਧਰਮ ਅਤੇ ਧਾਰਮਿਕ ਵਿਧੀ-ਵਿਧਾਨ ਤੋਂ ਜਾਣੂ ਹੋਵੇਗਾ।
3. ਵਿਦਿਆਰਥੀ ਹਿੰਦੂ ਧਰਮ ਦੇ ਬਾਰੇ ਸੋਝੀ ਪ੍ਰਾਪਤ ਕਰੇਗਾ।
4. ਵਿਦਿਆਰਥੀ ਜੈਨ ਧਰਮ ਦੇ ਤੀਰਥੰਕਰਾਂ, ਭਗਵਾਨ ਮਹਾਂਵੀਰ ਦੇ ਜੀਵਨ ਅਤੇ ਜੈਨ ਧਰਮ ਤੋਂ ਜਾਣੂ ਹੋਵੇਗਾ।
5. ਵਿਦਿਆਰਥੀ ਮਹਾਤਮਾ ਬੁੱਧ ਦੇ ਜੀਵਨ, ਧਰਮ ਗ੍ਰੰਥਾਂ ਅਤੇ ਫਿਰਕਿਆਂ ਸਬੰਧੀ ਸਮਝ ਪ੍ਰਾਪਤ ਕਰੇਗਾ।

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B.A. SEMESTER–II
Sociology
Course Code: BSOC-1208
Fundamentals of Sociology-II

Credit hours (Per Week) :4   **Max. Marks: 100**
Time: 3 Hours   **Theory: 75**
Total hours: 60   **Internal Assessment: 25**

Section–A It will consist of **Ten very short answer questions.** Answer to each question will be five to seven lines. All questions will be compulsory. Each question will carry two marks. Total weightage of this section is **20 marks.**
Section–B It will consist of seven questions and candidates have to attempt any five questions. Answer to each question should be 250 words. **Each question will carry five marks**. Total weightage of this section is **25 marks**.
Section–C It will consist of five questions at least two from each unit. Candidates have to attempt three questions at least one from each unit. Answer to each question should be of 3 pages or 500 words. **Each question will carry 10 marks**. Total weightage of this section is **30 marks.**

Course Objectives
1. To provide integrated approach to understand the social and cultural construction of the society.
2. To provide knowledge about various social processes which help to run the society.
3. To impart knowledge about the various social agencies which help to run the society into conformity.
4. To aware students with deviant behaviour of people and various forces that make people to be deviant.

Unit – I

a) **Culture:** Meaning, Components and Cultural lag.
b) **Social Processes and Interaction**: Meaning, Integrative processes (co-operation, accommodation and assimilation), Disintegrative processes (competition and conflict).
c) **Social Stratification:** Meaning and Forms: Caste and Class.

Unit – II

d) **Social Control:** Meaning , Importance and Agencies: Formal and Informal.
e) **Formal:** Law and Education, **Informal:** Folkways, Mores and Customs.
f) **Deviance:** Meaning , Factors and Impact.

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References:

1. Ahuja, Ram: *Indian Social System*, Rawat Publications, Jaipur, 1993.
2. Abraham, M. Francis.: *Contemporary Sociology*, Oxford University, New Delhi, 2006.
3. Bottomore, T.B.S.: *Sociology*, Punjabi Translation by Parkash Singh Jammu, Publication Bureau, Punjabi University, Patiala, 1972.
4. Gisbert, Pascual: *Fundamentals of Sociology*, Orient Longmans, Bombay, 1969.
5. Jayaram, N. *Introductory Sociology*, Macmillan, Madras, 1988.
6. Johnson, H.M. Sociology: *A Systematic Introduction*, Allied Publishers, New Delhi,1995.
7. Kapila, S.: *A Text Book of Sociology*, Part–I & II, New Academic House, Jalandhar,1989.
8. Kapila, S.: *Fundamentals of Sociology*, Vol. I. Panchkula, Kapila Publishers, 2001.
9. McGee, Reece et al., *Sociology–An Introduction*, Reinehart and Winston, Hindale, 1977.

10. MacIver, R.M. & Page, Charles H.: *Society*, *An Introductory Analysis*, Macmillan, London, 1974.
11. Savinderjeet Kaur: *Samaj VigyanNal Jan Pehchan*, Publication Bureau, Punjabi University, Patiala, 1995.
12.Sharan, Raka: *A Handbook of Sociology*, Anmol Publications, New Delhi, 1991

Course Outcome (CO)

CO1. Students learn integrated approach to understand the social and cultural construction of the society.
CO2. They receive knowledge about various social processes which help to run the society.
CO3. They come to Know about the various social agencies which help to run the society into conformity.
CO4. Students became familiar with deviant behaviour of people and various forces that make people to be deviant.

B.A. SEMESTER–II
Statistics
Course Code: STA-121A
Statistical methods–II

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

Instructions For The Paper Setters:
    1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
    2. The Section–A will consists of six compulsory questions, each of one mark.
    3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
    4. Teaching time for theory paper would be six periods per week.
    5. Simple calculator is allowed

Course Objectives:
    Students will understand to find the best fit for a set of data points with the help of method of least square.
    It enables the students to use correlation and regression to predict the behavior of dependent variable.
    Students will use Method of association and contingency table to find the independence of the attributes.

UNIT-I
    Bivariate data, scatter diagram, covariance, Karl–Pearson's correlation coefficient and its properties, calculation of correlation coefficient from grouped data, bounds of the correlation coefficient, interpretation of the value of the correlation coefficient.

UNIT-II
    Spearman's rank correlation coefficient, The principle of least squares, fitting of straight line,
polynomials, exponential, logarithmic curve.

UNIT-III
    Regression lines, relation between correlation coefficient and regression coefficients.

UNIT-IV
    Independence and association of attributes, measures of association,contingency table.

Books Prescribed:-

1. Goon, A.M. Gupta, M.K. and Dasgupta B., Fundamentals of Statistics, Vol. I, World Press, 2005.
2. Gupta, S.C. and Kapoor, V.K., Fundamentals of Mathematical Statistics, Sultan Chand and Company, 2007.

Books Suggested for Supplementary Reading:-

1. Goon, A.M. Gupta, M.K. and Dasgupta B., Basic Statistics, World Press, 2005.
2. Gupta, S.C., Statistical Methods, Himalayan Publishing House, 2003.
3. Nagar, A.L. and Das, R.K., Basic Statistics, Oxford University Press, 2005.

Course Outcomes: On completing the course, the students will be able to:

- learn to establish linear association between two variables by using Correlation.
- find the best fit for a set of data points with the help of method of least square.
- use regression to predict the behavior of dependent variable.
- Use Method of association and contingency table to find the independence of the attributes.
- use statistical methods in the future prediction for various observations in different fields like Business Analysis, Artificial Intelligence, Financial Analysis, Fraud Detection, Share Market and Pharmaceutical Sector and other industries.

B.A. SEMESTER–II
Statistics
Course Code: STA-121B
Probability Distributions

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

Instructions for the Paper Setters:

1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week and two periods per week for practical.
5. Simple calculator is allowed

Course Objectives:

- Students will apply the Probability Distributionsin real life situations such as Business Analysis, Artificial Intelligence, Financial Analysis, Fraud Detection etc.

- Students will realize difference between discrete and continuous distributions.

- Students will know about distributions to study the behavior of two random variables

Course Content:
Unit–I
Discrete Distributions: Uniform distribution, Bernoulli distribution, Binomial distribution, Poisson distribution, Poisson distribution as limiting form of Binomial distribution, Fittings of Binomial and
Poisson distributions,
Unit–II
Geometric distribution, Pascal distribution and Hyper geometric distribution. Properties, expected value, variance and moment generating functions of these distributions.
Unit–III
Continuous Distributions: Normal distribution, Fitting of normal distribution, Exponential
distribution, Uniform distribution.

Unit–IV

Gamma distribution, Beta distribution. The properties of these distribution including their expected values, variances and moment generating functions.

Books Prescribed:-

1. Meyer, P.L. Introductory Probability and Statistical Applications, Addison—Wesley, (1970).
2. Hogg. R.V., Mcken, J.W. and Craig. A.T., Introduction to Mathematical Statistics, Pearson
Education, 2007.

Books Suggested for Supplementary Reading:-
1. Biswal, P.C., Probability and Statistics, Prentice Hall, India, 2007.
2. Ross, S.A. First Course in Probability, Sixth Edition, Pearson Education, 2007.
3. Miller, I, and Miller, M. Mathematical Statistics with Applications, Seventh Edition, Pearson Education, 2007.

Course Outcomes: On completing the course, the students will be able to:
to differentiate discrete and continuous distributions.
know about distributions to study the behavior of two random variables.
study the discrete distributions such as Bernoulii, Binomial, Poisson etc.
Learn about Continuous distributions such as Exponential, Normal, uniform etc. will be studied in this course.

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B.A. SEMESTER–II
Statistics
Course Code: STA-121P
Practical based on PAPER: Statistical methods–II and Probability distributions

Credit Hours (Per Week): 3	**Maximum Marks: 30**
Total Hours:45 hrs.	**Practical Marks: 22**
Time: 2 Hours	**Internal Assessment Practical: 08**

Instruction for Paper Setter:

Students are required to prepare a practical note book with at least 30 exercises based upon the

above list. At the end of semester, there is a practical examination jointly conducted by two

examiners (one is internal and other one is external). External examiner is appointed by the

principal of the college. This practical examination will cover a written test followed by a

viva-voce to test the practical knowledge of students about the contents. The candidates are

allowed to use Non–Programmable calculators.

Practical Note book: 05

Viva – voce: 07

Exercises: 10

Teaching time for practical paper would be two period per week per paper.

Course Objectives:

- Students wil understand to find the best fit for a set of data points with the help of method of least square.
- It enables the students to use correlation and regression to predict the behavior of dependent variable.

- Students will realize difference between discrete and continuous distributions.

Course Content:

List of practical exercises

1. Exercises on calculation of Karl Pearsons correlation coefficient
2. Exercises on calculation of Spearman's rank correlation coefficient
3. Exercises on fittings of regression lines, polynomials, exponential and logarithmic curves.
4. Exercises on fittings of Binomial, Poisson and Normal Distributions
5. Exercises on calculation of probabilities for Binomial, Poisson and Normal Distributions

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Course Outocmes: On completing the course, the students will be able to:

- find the best fit for a set of data points with the help of method of least square.
- use regression to predict the behavior of dependent variable
- to differentiate discrete and continuous distributions.
- know about distributions to study the behavior of two random variables.
- study the discrete distributions such as Bernoulii, Binomial, Poisson etc.

B.A. SEMESTER–II
Theatre Studies
Course Code: BTHS-1216
Fundamentals of Theatre

Credit Hours (Per Week): 6
Total Hours:90 hrs.
Time: 3 Hours

Maximum Marks: 100
Theory Marks: 25
Practical Marks: 50
Internal Assessment: 25

(Course Objective)	(Course Outcomes)
• The main purpose of this paper is to give the knowledge about acting skill, movements of body and variations of voice. • The Second purpose of this paper is to give the knowledge about design element. • The Third purpose of this paper is to give the knowledge about Direction, importance of blocking and composition. • The Forth purpose of this paper is to give the knowledge about origin of Modern Indian Dram.	• Students learn how to keep their body healthy by working on their body and voice. • After the study of this paper students will be able to get the job as director and designer of the theatre. • Students learn about the Origin and development of Modern Indian Drama • Students will be able to keep control on body movements and variations of voice.

Instruction for the Question Paper Setter:

Question paper will be maximum of 25 marks, to be attempted in 3 hrs. Question Paper setter will set eight questions (two questions from each unit). Each question will carry 05 marks.
Note: If the paper setter bifurcates any question into sub-parts, then the value of each part should not be below 2.5 marks.
Instruction for the student:
Question paper will be maximum of 25 marks, to be attempted in 3 hrs. There will be 4 units in question paper. Each unit will have 2 questions. Student has to attempt five questions, one from each unit. They can attempt fifth question from any unit. Answer should be within 500 words. Each question will carry 05 marks.

Unit I
1. Introduction to the Art of Acting
2. Tools of an Actor: Body and Voice

Unit II
1. Design: Definition and Elements (Line, Colour and Texture)
2. Principles of Design

Unit III
1. Direction: Concept and Elements
2. Blocking and Composition

Unit IV
1. Development of Punjabi Theatre: 1947-65
2. Origin of Modern Indian Drama: 1850-1900

Practical

1. Scene Work on the basis of prescribed readings:
   a) 'Kanak Di Bali' by Balwant Gaargi
   b) 'Andher Nagari' by Bhartendu Harish Chandar

Suggested and Prescribed Readings:

1. Alexander Dean, Lawrence Carra, Fundamentals of Play Directing, Holt,Rinehart And Winston,1980
2. Atamjit Singh, Natak Da Nirdeshan, Lok Geet Parkashan, Amritsar,1989
3. Balwant Gargi,Kanak Di Balli,Navyug Publishers,New Delhi,2003
4. Bhartendu Harishchander, Andher Nagari, Vani Parkashan, New Delhi, 2017
5. Charles McGaw, Acting is Believing, Holt, Rinehart and Winston, New York, 1975
6. David Welker, Theatrical Set Design-the basic techniques, Allyn and Bacon,Inc.,Boston,1979
7. Hugh Morrison, Directing in the Theatre, Adam & Charles, London, 1984
8. Hunston D. Sellman & Merrill Lessley, Essential of Stage Lighting, Prentice Hall, U.S.A, 1982
9. Irving Warde, Impro-Improvisation and the Theatre, Methuen, London,1982
10. John Harrop, Acting, Routledge, 1992
11. Stanley Kahan, Introduction to Acting, Allyn and Bacon,Inc.,1985
12. Surjit Singh Sethi, Sirjnatmic Natak-Nirdeshan, Publication Bureau, Punjabi University,Patiala,1985

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B.A. SEMESTER–II
Course Code: ZDA121
Drug Abuse: Problem, Management and Prevention
Management And Prevention
(Compulsory for all Under Graduate Classes)

Credit hrs./wk.:1.5   **Max. Marks: 50**
Time: 3 Hours

Instructions for the Paper Setters:
1) There will be a total of 9 questions of which 5 are to be attempted.
2) Question 1 is compulsory and having 10 short answer type questions (1 mark each).
3) The remaining 8 questions (10 marks each) shall include 2 questions from each unit. Candidates shall be required to attempt 4 questions, one from each unit. Preferably, the question should not be split into more than two sub-parts.

Course Objectives:
   The course aim is to

CO-1.	Describe the role of family in the prevention of drug abuse.
CO-2.	Describe the role of school and teachers in the prevention of drug abuse.
CO-3.	Emphasize the role of media and educational and awareness program.
CO-4.	Provide knowhow about various legislation and Acts against drug abuse.

UNIT-I

- **Prevention of Drug abuse**

   Role of family: Parent child relationship, Family support, Supervision, Shaping values, Active Scrutiny.

UNIT-II

- School: Counseling, Teacher as role-model.

- Parent-teacher-Health Professional Coordination, Random testing on students.

UNIT-III

- **Controlling Drug Abuse**

   Media: Restraint on advertisements of drugs, advertisements on bad effects of drugs, Publicity and media, Campaigns against drug abuse, Educational and awareness program

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UNIT-IV

- Legislation: NDPS act, Statutory warnings, Policing of Borders, Checking Supply/Smuggling of Drugs, Strict enforcement of laws, Time bound trials.

References:

1. Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
2. Gandotra, R. and Randhawa, J.K. 2018. voZrI d[otos'A (BPky'oh) gqpzXB ns o'eEkw. Kasturi Lal & Sons, Educational Publishers, Amritsar- Jalandhar.
3. Inciardi, J.A. 1981. The Drug Crime Connection. Beverly Hills: Sage Publications.
4. Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
5. Randhawa, J.K. and Randhawa, Samreet 2018. Drug Abuse-Management and Prevention. Kasturi Lal & Sons, Educational Publishers, Amritsar- Jalandhar.
6. Sain, Bhim 1991, Drug Addiction Alcoholism, Smoking obscenity New Delhi: Mittal Publications.
7. Sandhu, Ranvinder Singh, 2009, Drug Addiction in Punjab: A Sociological Study. Amritsar: Guru Nanak Dev University.
8. Singh, C. P. 2000. Alcohol and Dependence among Industrial Workers: Delhi: Shipra.
9. World Drug Report 2011, United Nations office of Drug and Crime.
10. World Drug Report 2010, United Nations office of Drug and Crime

Course Outcomes:

The students will be able to:

CO-1.	Understand the importance of family and its role in drug abuse prevention.
CO-2.	Understand the role of support system especially in schools and inter-relationships between students, parents and teachers.
CO-3.	Understand impact of media on substance abuse prevention.
CO-4.	Understand the role of awareness drives, campaigns etc. in drug abuse management.
CO-5	Learn about the Legislations and Acts governing drug trafficking and Abuse in India.

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B.A. SEMESTER – III
Course Code: BENC-**2305**
English (Compulsory)

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setter and Distribution of Marks:
The question paper will consist of four sections and distribution of marks will be as under:
Section A: 08 Marks
Section B: 14 Marks
Section C: 10 Marks
Section D: 05 Marks

Section–A

1.   **Twelve (12)** Questions on the usage of grammar related to the prescribed units of *Murphy's English Grammar* will be set for the students to attempt **any Eight(8)**
                                                                        (8 X 1= 8Marks)

Section–B

2.   **TWO** questions (with sub parts) based on strategies and skill development exercises in Unit-I and Unit-II of the prescribed text book *Making Connections* will be set. The number of items in each question will be 50% more than what a student will be expected to attempt so that the question provides internal choice**.**   (7X2= 14 Marks)

Section–C

3.   **One** question (with internal choice) requiring students to explain a stanza with reference to context will be set. The stanzas for explanation will be taken from the poems prescribed in the syllabus.   (1X4= 4Marks)

4.   **THREE** questions on central idea, theme, tone and style etc. of three poems from the prescribed   textbook, *Moments in Time* will be set. The students are required to attempt any TWO of these questions.
(3X2= 6Marks)

Section-D

5.   The students are required to write a **report** in about 200-250 words on a topic related to college   activities.   (1X5= 5 Marks)

Course Objectives:
1. To read, interpret and write about diverse range of texts in English.
2. To understand the prescribed texts analytically and critically.
3. To participate in the critical and cultural discourses of English.
4. To teach language and literature effectively with the support of ICT tools.
5. To become competent, committed, conscious, creative, and compassionate human beings.
6. To Train students to discern ethical principles and personal values in light of academic experience.

Course Contents:
    I.   *Making Connections*: Unit -I & Unit- II
    II. *Moments in Time:* Poems at serial No.1-6
    III. Unit 121-136 from *Murphy's English Grammar*
    IV.

Text books Prescribed:
1. *Making Connections* by Kenneth J. Pakenham 3rd Edn. CUP
2. *Moments in Time:* An Anthology of Poems, G.N.D.U. Amritsar
3 *Murphy's English Grammar 4th Edition (*by Raymond Murphy*) CUP*

Course Outcomes (COs):
The completion of this course enables students to:
1. develop an understanding of the poems taught, relate to the socio-cultural background of the prescribed texts and be able to answer questions regarding tone, style and central idea.
2. comprehend the basics of grammatical rules governing prepositions in detail.
3. enhance their reading and analysing power of texts through guided reading.
4. enrich their vocabulary and use new words in their spoken and written language.
5. develop skills to write a report on a given topic.

B.A. SEMESTER-III
Course Code: BPBI - 2301
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫ਼ਤਾ: 04   ਕੁੱਲ ਅੰਕ: 50
ਕੁੱਲ ਘੰਟੇ: 60   ਥਿਊਰੀ ਅੰਕ: 37
ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਦਾ ਨਿਰਮਾਣ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀ ਦੀ ਸਾਹਿਤਕ ਸੋਚ-ਸਮਝ ਹੋਰ ਪਕੇਰੀ ਹੋਵੇਗੀ।
• ਵਿਦਿਆਰਥੀ ਦੀ ਸਾਹਿਤਕ ਸਮਝ ਨੂੰ ਹੋਰ ਵਧਾਉਣਾ।	• ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਸਾਹਿਤ ਰੁਚੀਆਂ ਵਧਣਗੀਆ।
• ਵਿਦਿਆਰਥੀ ਦੇ ਭਾਸ਼ਾਈ ਗਿਆਨ ਵਿਚ ਵਾਧਾ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਸਾਹਿਤ ਨਿਰਮਾਣ ਦੀਆਂ ਸੰਭਾਵਨਾਵਾਂ ਵਧਣਗੀਆਂ।
	• ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਭਾਸ਼ਾਈ ਸੰਰਚਨਾ ਬਾਰੇ ਸਮਝ ਵਧੇਗੀ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਚਾਰ ਭਾਗਾਂ ਵਿਚ 02-02 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿਚੋਂ 01-01 ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ (08) ਅੰਕ ਹੋਣਗੇ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਪੰਜਵੇਂ ਭਾਗ ਵਿਚ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ 01-01 ਅੰਕ ਦੇ ਛੇ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ 05 ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਵਾਰਤਕ
ਡਾ. ਗੁਰਬਚਨ ਸਿੰਘ ਤਾਲਿਬ (ਸੰਪਾ.), ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।
(ਲੇਖ 1 ਤੋਂ 7, ਲੇਖ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਕਲਾ ਪੱਖ)

ਭਾਗ-ਦੂਜਾ

ਚੋਣਵੇਂ ਪੰਜਾਬੀ ਇਕਾਂਗੀ
ਡਾ. ਰਮਿੰਦਰ ਕੌਰ (ਸੰਪਾ.), ਕਸਤੂਰੀ ਲਾਲ ਐਂਡ ਸੰਨਜ਼, ਅੰਮ੍ਰਿਤਸਰ।
(ਇਕਾਂਗੀ 'ਸੁਹਾਗ', 'ਨਵਾਂ ਚਾਨਣ', 'ਅੰਨੇ ਨਿਸ਼ਾਨਚੀ', 'ਅਰਮਾਨ', 'ਚਾਬੀਆਂ', 'ਮਿੱਟੀ ਦਾ ਬਾਵਾ' ਅਤੇ 'ਸੱਧਰਾਂ' ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਹਨ)
(ਇਕਾਂਗੀ ਦਾ ਸਾਰ/ਵਿਸ਼ਾ-ਵਸਤੂ/ਪਾਤਰ ਚਿਤਰਨ)

ਭਾਗ-ਤੀਜਾ

(ੳ) ਸੰਖੇਪ ਰਚਨਾ (ਪ੍ਰੈਸੀ)
(ਅ) ਦਿੱਤੇ ਪੈਰੇ ਵਿਚੋਂ ਅਸ਼ੁਧ ਸ਼ਬਦ ਜੋੜਾਂ ਨੂੰ ਸ਼ੁਧ ਕਰਨਾ

ਭਾਗ-ਚੌਥਾ

ਮੂਲ ਵਿਆਕਰਨਕ ਇਕਾਈਆਂ: ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਵੰਨਗੀਆਂ (ਭਾਵੰਸ਼, ਸ਼ਬਦ, ਵਾਕੰਸ਼, ਉਪਵਾਕ ਅਤੇ ਵਾਕ)

B.A. SEMESTER-III
Course Code: BPBI-2302
ਮੁਢਲੀ ਪੰਜਾਬੀ
(In Lieu of Compulsory Punjabi)

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 04	ਕੁੱਲ ਅੰਕ: 50
ਕੁੱਲ ਘੰਟੇ: 60	ਥਿਊਰੀ ਅੰਕ: 37
ਸਮਾਂ: 3 ਘੰਟੇ	ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਤੇ ਵਾਕ ਬਣਤਰ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਭਾਸ਼ਾਈ ਗਿਆਨ ਨੂੰ ਵਧਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਅਖਾਣ-ਮੁਹਾਵਰਿਆਂ ਅਤੇ ਪ੍ਰਤੀਕੋਡਨ ਰਾਹੀਂ ਭਾਸ਼ਾਈ ਸਮਰੱਥਾ ਨੂੰ ਵਧਾਉਣਾ।	• ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੀ ਸਮਝ ਹੋਰ ਵਿਕਸਿਤ ਹੋਵੇਗੀ। • ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਭਾਸ਼ਾਈ ਬਾਰੀਕੀਆਂ ਨੂੰ ਸਮਝਣ ਦੀ ਕਾਬਲੀਅਤ ਵਿਚ ਵਾਧਾ ਹੋਵੇਗਾ। • ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਲਿਖਤ ਵਿਚ ਨਿਖਾਰ ਆਵੇਗਾ। • ਵਿਦਿਆਰਥੀ ਅਖਾਣ-ਮੁਹਾਵਰਿਆਂ ਦੀ ਵਰਤੋਂ ਰਾਹੀਂ ਉਹ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਨਾਲ-ਨਾਲ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਨਾਲ ਵੀ ਜੁੜਨਗੇ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਪਹਿਲੇ ਭਾਗ ਵਿਚੋਂ ਸ਼ਬਦ-ਸ਼੍ਰੇਣੀਆਂ ਦੀ ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ ਨਾਲ ਸੰਬੰਧਿਤ ਚਾਰ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਚਾਰ-ਚਾਰ ਅੰਕਾਂ ਦੇ ਤਿੰਨ ਵਰਣਨਾਤਮਕ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹਨ। ਪੰਜਾਬੀ ਵਾਕ ਬਣਤਰ ਵਾਲੇ ਭਾਗ ਵਿਚੋਂ ਪੰਜ ਪ੍ਰਸ਼ਨ ਦੋ-ਦੋ ਅੰਕਾਂ ਦੇ ਪੁੱਛੇ ਜਾਣਗੇ। ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹਨ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਇਕ ਪੈਰ੍ਹਾ ਦਿੱਤਾ ਜਾਵੇਗਾ ਅਤੇ ਉਸ ਉੱਪਰ ਆਧਾਰਿਤ ਇਕ-ਇਕ ਅੰਕ ਦੇ ਪੰਜ ਪ੍ਰਸ਼ਨ ਦਿੱਤੇ ਜਾਣਗੇ। ਉੱਤਰ 50 ਸ਼ਬਦਾਂ ਤੱਕ ਸੀਮਿਤ ਹੋਵੇਗਾ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਅੱਠ ਅਖਾਣ ਅਤੇ ਮੁਹਾਵਰੇ ਦਿੱਤੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਪੰਜ ਨੂੰ ਵਾਕਾਂ ਵਿਚ ਵਰਤ ਕੇ ਅਰਥ ਸਪੱਸ਼ਟ ਕਰਨੇ ਹੋਣਗੇ। ਹਰ ਅਖਾਣ ਅਤੇ ਮੁਹਾਵਰੇ ਦਾ ਇਕ-ਇਕ ਅੰਕ ਹੋਵੇਗਾ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜ ਅੰਕਾਂ ਦਾ ਇਕ ਵਾਰਤਾਲਾਪ ਜਾਂ ਵਾਰਤਕ ਦਾ ਟੋਟਾ ਦਿੱਤਾ ਜਾਵੇਗਾ ਜਿਸ ਨੂੰ ਉਸ ਨੇ ਵਾਰਤਕ ਜਾਂ ਵਾਰਤਾਲਾਪ ਵਿਚ ਤਬਦੀਲ ਕਰਕੇ ਲਿਖਣਾ ਹੋਵੇਗਾ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਪੰਜਾਬੀ ਸ਼ਬਦ-ਸ਼੍ਰੇਣੀਆਂ ਦੀ ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ:
    ਨਾਂਵ, ਪੜਨਾਂਵ, ਵਿਸ਼ੇਸ਼ਣ, ਕਿਰਿਆ, ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ, ਸੰਬੰਧਕ, ਯੋਜਕ, ਵਿਸਮਿਕ

ਭਾਗ-ਦੂਜਾ

ਪੰਜਾਬੀ ਵਾਕ-ਬਣਤਰ: ਕਰਤਾ, ਕਰਮ, ਕਿਰਿਆ, ਪੰਜਾਬੀ ਵਾਕਾਂ ਵਿਚ ਤੱਤਾਂ ਦੀ ਤਰਤੀਬ, ਸਾਧਾਰਨ ਵਾਕ, ਬਿਆਨੀਆ ਵਾਕ, ਪ੍ਰਸ਼ਨਵਾਚਕ ਵਾਕ, ਹੁਕਮੀ ਵਾਕ, ਸੰਜੁਕਤ ਅਤੇ ਮਿਸ਼ਰਤ ਵਾਕ

ਭਾਗ-ਤੀਜਾ

ਪ੍ਰਕਾਰਜੀ ਪੰਜਾਬੀ-I: ਪੈਰ੍ਹਾ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ

ਭਾਗ-ਚੌਥਾ

ਪ੍ਰਕਾਰਜੀ ਪੰਜਾਬੀ-II:
    (ੳ) ਅਖਾਣ ਤੇ ਮੁਹਾਵਰੇ
    (ਅ) ਪ੍ਰਤੀਕੋਡਨ (Transcoding)

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–III
Course Code: BPHC-2304
Punjab History & Culture (AD. 1000-1606)
(Special Paper in lieu of Punjabi compulsory
for those students who are not domicile of Punjab)

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setters:
The question paper consists of five units: I, II, III, IV and V. Units I, II, III and IV will have two questions each. Each question carries 8 marks. The students are to attempt one question from each unit approximately in 800 words. Unit-V consists of 7 short answer type questions to be set from the entire syllabus. Students are to attempt any 5 questions in about 20 words each. Each question carries 1 mark.

Note: **The examiner is to set the question paper in two languages: English & Hindi.**

Course Objectives: The main objective of this course is to introduce the students who are not domicile of the Punjab with the history and culture of the Punjab during Turko-Afghan and the Mughal rule in Punjab during 1000- 1606 A.D. The curriculum is to acquaint pupils with philosophy and teachings of the Bhakti saints, Sufis and the Sikh Gurus. It also aims to provide information regarding the foundation and consolidation of the Sikhism under the firstfive Sikh Gurus.

Unit-I
1.   Society and culture of the Punjab during Turko-Afghan rule.
2.   The Punjab under the Mughals.
Unit-II
3.   Bhakti Movement and its impact on Society of the Punjab.
4.   Sufism in the Punjab with special reference to Baba Farid.
5.
Unit-III
6.   Guru Nanak Dev – Life and Travels.
7.   Teachings of Guru Nanak, Concept of Sangat, Pangat, and Dharmsal.
8.
Unit-IV
9.   Contribution of Guru AngadDev, Guru Amardas and Guru Ramdas.
10.   Compilation of AdiGranth and martyrdom of Guru Arjun Dev.

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Suggested Readings:-

1. P.N.Chopra, B.N.Puri, & M.N. Das, *A Social, Cultural & Economic History   ofIndia,* Vol. II., Macmillan India,New Delhi, 1974.
2 J.SGrewal,*The   Sikhs   of   the   Punjab*,   Cambridge   University Press, NewDelhi,1994.
3. FaujaSingh,*A History of the Sikhs-*Vol. I & II, Punjabi University,Patiala, 1972.
4. KhushwantSingh,*A History of the Sikhs-*Vol. I (1469-1839),Oxford UniversityPress,New Delhi, 2011.
 5. KirpalSingh, *History and Culture of the Punjab-*Part II (Medieval Period), Publication Bureau, Punjabi University,Patiala,1990.

Course Outcomes:

After completion of the course, the students will be able to learn:

CO-1 New changes brought by the Turks and the Mughals in the Punjabi society andculture.
CO-2 Rise and impact of the Bhaki Movement and the Sufism in the Punjab.CO-3 Foundation of the Sikhism and its philosophy.
CO-4 Expansion and consolidation of the Sikhism under first five Gurus.

CO-5 Compilation of the AdiGranth and circumstances leading to the martyrdom ofGuru Arjan Dev.

B.A. SEMESTER–III
Computer Science
Course Code: CSC-231
Computer Oriented Numerical and Statistical Methods
(Theory)

Credit Hours (per week):4   **Total Marks: 100**
Total Hours:60   **Theory Marks: 56**
 Time: 3 Hours   **Theory Internal Assessment M: 19**
                                                      Practical Marks: 19
                                   Practical Internal Assessment M: 06

Note: 1. Medium of Examination is English Language.
      2. The question paper covering the entire course shall be divided into three sections.

Instructions for Paper Setters:
Section A: It will have question No.1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 6 questions. Each question will carry two marks with answer to each question up to 10 lines in length. The total weightage being **12 marks**.
Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks. The total weightage of this section shall be **22 marks.**
Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 6, 7, 8 and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks. The total weightage of this section shall be **22 marks**.

 Course Objectives:

   At the end of the course, the students will be able:

1.	To understand and implement various concepts of numerical and statistical methods to solve real life problems.
2.	To develop the mathematical skills of the students in the areas of numerical methods.
3.	To provide conceptual understanding of various numerical methods like solution of non-linear equations, system of linear equations, interpolation, numerical differentiation and integration with an aim of helping the students to understand the fundamentals, concepts and practical use of these methods in the field of computer sciences and applications.
4.	To provide understanding of statistical problems like testing of hypotheses.

B.A. (12+3 System of Education) (Batch 2022-25)

UNIT-I

Introduction

1. Numerical method, Numerical methods versus numerical analysis, Errors and Measures of errors.
2. Non-linear Equations, Iterative Solutions, Multiple roots and other difficulties, Interpolation methods, Methods of bisection, False position Method, Newton Raphson-method.
3. Simultaneous Solution of Equations, Gauss Elimination Method, Gauss Jordan method. Gauss Seidel Method, Matrix Inversion Method.
4. Interpolation and Curve Fitting, Lagrangian Polynomials, Newton Methods: Forward Difference Method, Backward Difference Method Divided Difference Method.
5. Numerical Integration and Different Trapezoidal Rule, Simpson's 1/3 Rule Simpson's 3/8 Rule.

UNIT II

Numerical differentiation by Polynomial Fit Statistical Techniques

1 Measure of Central Tendency, preparing frequency distribution table, Mean Arithmetic, Mean geometric, Mean harmonic, Mean median Mode.

2 Measure of dispersion, Skewness and Kurtosis Range, Mean deviation, Standard deviation, Co-efficient of variation, Moments Skewness Kurtosis.

3. Correlation Bivariate Distribution Multivariate distribution.

4. Regression B.C., Linear Regression, Multiple Regression.

5. Trend Analysis least square fit linear trend, Non-linear trend

$Y=ax^b$

$Y=ab^x$

$Y=ae^{bx}$

Polynomial fit: $Y= a+bx+cx^2$

References:

1 B.S. Grewal: *Numerical Methods for Engineering,* Sultan Chand Publications.
2 V. Rajaraman: *Computer Oriented Numerical Methods,* Prentice Hall of India Private Ltd.

Course Outcomes:

On completion of this course students will able to:

CO-1.	Demonstrate understanding of common numerical methods and how they are used to obtain approximate solutions.
CO-2.	Apply various numerical methods to find solution of algebraic and transcendental non-linear equations and also solve system of linear equations numerically using direct and iterative methods.
CO-3.	Understand the methods to construct interpolating polynomials and finite difference concepts (forward, backward, divided and central difference) for prediction and also find integration to find area under curve.
CO-4.	Learn fundamental concepts of statistical and optimization methods.

B.A. (12+3 System of Education) (Batch 2022-25)
B.A. SEMESTER–III
Computer Science

Computer Fundamental & Information Technology
(Practical)

Credit Hours (per week):2   **Practical Marks: 19**
Total Hours:60   **Practical Internal Assessment M: 06**
Time: 3 hours

Practical based on Computer Oriented Numerical and Statistical Methods.

B.A. (12+3 System of Education) (Batch 2022-25)
B.A. SEMESTER–III
Economics
Course Code: BECO- 2320
Indian Economy

Credit hours /week: 4   **Total Marks: 100**
Total hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Note: Instructions for the Paper–Setters/Examiners:

 (i) First question consisting of 8 short answer questions (based upon the entire syllabus), out of which 5 questions are to be attempted (each carrying 3 marks).
 (ii) Students will attempt 1 out of 2 questions from each of four units (15 marks each).

Course Objective: This course reviews major trends in economic indicators and policy changes in India in the post-Independence period, with particular emphasis on major economic problems, paradigm shifts and policy of liberalization, globalization and privatisation.

UNIT–I
Nature of Indian Economy. Agriculture in India: Nature and Importance of Agriculture, Causes of Decline in Productivity, Sustainable Agricultural Growth. Green Revolution and New Agricultural Strategy. WTO and Indian Agriculture (introductory).

UNIT–II
Industry: Performance and Problems of Industrial Development in India, Public Sector and PrivateSector, Privatization of Public Sector Enterprises. Role of Small scale and Cottage Industries. Latest Industrial Policy.

UNIT–III
Foreign Trade: Direction and Composition of Exports and Imports Since 1991, Recent Foreign Trade Policy, Balance of Payments Problem. Foreign Capital and Multinational Corporations in India.

UNIT–IV
Features of Population Growth in India.Major Problems of the Economy - Unemployment, Poverty and Inequality, Indian Tax Structure,
Planning- Objectives and Evaluation of Planning in India. NITI Aayog (introductory).

Recommended Texts:

1. Mishra and Puri (latest edition) , Indian Economy, Himalaya Publication House, Mumbai,

2. Rudder Dutt and Sundharam, Indian Economy (Latest edition), S. Chand & Co. Ltd., New Delhi.

3. A.N. Aggarwal(1990), Indian Economy, Vikas Publications, Delhi.

4. C.D. Wadhwa(1980), Indian Economic Policy ,Tata McGraw Hill, Bombay.

5. Kapila Uma(2021-22), Indian Economy since Independence(ed), Acedemic Publication, Mumbai.

B.A. (12+3 System of Education) (Batch 2022-25)

Course Outcomes:

Sr. No.	On completing the course, the students will be able to:
CO- 1	Get an overall understanding about various sectors of the Indian economy
CO-2	Analyse various issues related to Indian Agriculture Sector
CO-3	Get an in-depth understanding about Indian Industrial sector, its growth, problems and policies
CO-4	Get an overview of foreign trade of India
CO-5	Knowledge about various problems of Indian economy, Indian tax structure and economic planning

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–III
English (Elective)
Course Code: BEEN-2306

Credit hours /week: 6	**Total Marks: 100**
Total hours: 90	**Theory: 75 Marks**
Time: 3 Hours	**Internal Assessment: 25 Marks**

Instructions for the Paper Setter and Distribution of Marks:
The question paper will consist of three sections and distribution of marks will be as under:
Section A: 20 Marks
Section B: 35 Marks
Section C: 20 Marks

Section–A

1. SIX questions, each requiring a short answer, from the prescribed textbook *New Directions* will be set. All questions will be compulsory. (6X2=12 Marks)

2. TWO questions with internal Choice will be set from *A Background to the Study of English Literature.* (2X4=8 Marks)

Section–B

1. THREE questions, related to incidents, anecdotes, characters, the use of figures of speech, tone and style etc. will be set from the prescribed novel. The students will be required to answer any TWO of these questions. (2X5=10 Marks)

2. THREE questions, related to theme, central idea, the use of figures of speech, tone and style etc. will be set from the prescribed poems. The students will be required to answer any TWO of these questions. (2X5=10 Marks)

3. FIVE questions (with sub parts, if necessary) based on the exercises in the text book *New Directions* will be set in the question paper. The students will be required to answer any THREE. (3X5=15 Marks)

Section–C

1. An essay type question, with internal choice, on theme, central idea, tone, and style etc. will be set from the prescribed poems. (1X10=10 Marks)

2. An essay type question, with internal choice, on theme, characterization, plot, tone, and style etc. will be set from the prescribed novel. (1X10= 10 Marks)

Course Objectives:
1. To read, interpret, and write about a diverse range of texts in English.
2. To understand those texts analytically and critically.
3. To understand those texts on the basis of careful reading.
4. To participate in the critical and cultural discourses of English.
5. To teach language and literature effectively with the support of ICT tools.
6. To become competent, committed, conscious, creative, and compassionate human beings.
7. To train students to discern ethical principles and personal values in the light of academic experience

Course Contents:
1. *Animal Farm*—Complete Text
2. *Fresh Showers*:- Poems at Serial No. 3,4,14,15,18,20
3. *New Directions:-* Part- 1 & 2 (From Core Reading only)
4. *A Background to the Study of English Literature* (Section-I, chapter-II)

Prescribed Books:
1. *Animal Farm* by George Orwell
2. *Fresh Showers,* G.N.D.U. Amritsar
3. *New Directions 2nd Edition (Cambridge University Press)*
4. *A Background to the Study of English Literature* by B. Prasad.

Course Outcomes:
The Teaching of this course enables the students to
1. Acquire an understanding of sustained allegory, and the basic tenets of Marxism, Capitalism and their social implications
2. Understand various figures of speech and literary devices in the poetry of different poets prescribed
3. Understand various literary terms and their significance

B.A. SEMESTER–III
Course Code: BEHI-2307
Elective Hindi

Credit hours /week: 6	**Total Marks: 100**
Total hours: 90	**Theory: 75 Marks**
Time: 3 Hours	**Internal Assessment: 25 Marks**

कोर्स का प्रयोजन / उद्देश्य (Course Objective)	कोर्स का फलागम / परिणाम (Course Outcomes)
• इस कोर्स का मुख्य प्रयोजन विद्यार्थी को हिन्दी उपन्यास तथा हिन्दी नाटक की रूपरेखा से परिचित करवाना है। • संवत् 1000 से 1375 तक के हिन्दी साहित्य के इतिहास की जानकारी देना है। • साथ ही साथ विद्यार्थी को सृजन–कला में कुशल बनाना भी इस कोर्स का उद्देश्य है।	• इस कोर्स के उपरान्त विद्यार्थी को 'धरती धन न अपना' उपन्यास तथा 'अंधेर नगरी' नाटक की सम्पूर्ण जानकारी प्राप्त हो जाएगी। • हिन्दी साहित्य के इतिहास के प्रथम कालखण्ड आदिकाल में समाज, राजनीति, साहित्य तथा भाषा की स्थिति का सम्पूर्ण ज्ञान प्राप्त हो जाएगा। • विद्यार्थी किसी भी विषय पर अनुच्छेद– लेखन में कुशल होगा तथा उसके प्रशासनिक शब्दावली के ज्ञान–भण्डार में वृद्धि होगी।

अंक विभाजन तथा प्रश्न.पत्र निर्माता के लिए आवश्यक दिशा.निर्देश :.

प्रश्न पत्र निर्माता द्वारा निर्धारित पाठ्यक्रम के अनुसार प्रत्येक खण्ड में से दो प्रश्न पूछे जाएंगे। कुल आठ प्रश्न पूछे जाएंगे। प्रत्येक प्रश्न के 15 अंक होगे।
नोटः पारिभाषिक शब्दावली वाले प्रश्न में एक–एक अंक के कुल 15 शब्द दिए जाएंगे।

परीक्षार्थी के लिए आवश्यक दिशा निर्देश :–
परीक्षार्थी प्रत्येक खण्ड में से अनिवार्यतः एक प्रश्न का उतर देते हुए कुल पांच प्रश्नों का उतर देगा । पाँचवां प्रश्न किसी भी खण्ड में से किया जा सकता है। प्रत्येक प्रश्न के 15 अंक होगे। प्रश्नोत्तर पाँच पृष्ठों तक सीमित हो।

<div align="center">

निर्धारित पाठ्यक्रम :
खण्ड – क

</div>

पाठ्य–पुस्तक :

धरती धन न अपना (उपन्यास) : जगदीशचन्द्र

(विद्यार्थी संस्करण)

प्रकाशक : आधार प्रकाशन, पंचकुला।

(पात्र परिचय, उद्देश्य, तात्विक समीक्षा संबंधी प्रश्न)

सैद्धान्तिकी :

उपन्यास : परिभाषा, तत्त्व, प्रकार

<center>खण्ड – ख</center>

पाठ्य—पुस्तक :

अंधेर नगरी (नाटक) : भारतेन्दु हरिश्चन्द्र,

प्रकाशक : अशोक प्रकाशन, नई दिल्ली

(पात्र परिचय, उद्देश्य, तात्विक समीक्षा संबंधी प्रश्न)

सैद्धान्तिकी :

नाटक : परिभाषा, तत्त्व, प्रकार

<center>खण्ड – ग</center>

हिन्दी साहित्य का इतिहास

प्रकाशक : गुरू नानक देव विश्वविद्यालय, अमृतसर

निर्धारित विषय :

आदिकाल : परिस्थितियां, नामकरण, प्रवृत्तियाँ, वर्गीकरण

<center>खण्ड – घ</center>

अनुच्छेद लेखन ;च्ंहतंची ॅतपजपदहद्ध   किसी भी विषय पर अनुच्छेद तथा संक्षेपण संबंधी प्रश्न पूछा जाएगा।

संक्षेपिका / संक्षेपण (Precie Writing)

<center>

पारिभाषिक शब्दावली

(क) मंत्रालयों के नाम

</center>

1.	Ministry of Home Affairs	गृह मंत्रालय
2.	Ministry of Finance	वित्त मंत्रालय
3.	Ministry of Defence	रक्षा मंत्रालय
4.	Ministry of Railways	रेल मंत्रालय
5.	Ministry of External Affairs	विदेश मंत्रालय
6.	Ministry of Information & Broadcasting	सूचना और प्रसारण मंत्रालय
7.	Ministry of Education & Social Welfare	शिक्षा और समाज कल्याण मंत्रालय
8.	Ministry of Law	विधि मंत्रालय
9.	Ministry of Health & Social Welfare	स्वास्थ्य और समाज कल्याण मंत्रालय
10.	Ministry of Food, Agriculture & Irrigation	खाद्य, कृषि तथा सिंचाई मंत्रालय
11.	Ministry of Labour & Industries	श्रम, और उद्योग मंत्रालय
12.	Ministry of Trade & commerce	व्यापार, और वाणिज्य मंत्रालय

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13.	Ministry of Community	सामुदायिक विकास मंत्रालय
14.	Ministry of Shipping & Transport	जहाजरानी और परिवहन मंत्रालय
15.	Ministry of Civil Aviation & Tourism	पर्यटन और नागर विमानन मंत्रालय
16.	Ministry of Works, Housing & Supply	निर्माण, आवास और पूर्ति मंत्रालय
17.	Ministry of Irrigation & Power	रसायन तथा उर्वरक मंत्रालय
18.	Ministry of Energy	ऊर्जा मंत्रालय
19.	Ministry of Chemical & Fertilizers	रसायन तथा उर्वरक मंत्रालय
20.	Ministry of Labour	श्रम मंत्रालय
21.	Ministry of International Trade	अन्तर्राष्ट्रीय व्यापार मंत्रालय
22.	Ministry of Science & Technology	विज्ञान तथा प्रौद्योगिकी मंत्रालय
23.	Ministry of Petroleum & Chemicals	पेट्रोलियम और रसायन मंत्रालय
24.	Ministry of Industry & Supply	उद्योग और पूर्ति मंत्रालय
25.	Ministry of Rehabilitation	पुनर्वास मंत्रालय

(ख) (कार्यालयों के नाम)

1.	All India Institute of Medical Science	अखिल भारतीय आयुर्विज्ञान संस्थान
2.	All India Handicrafts Board	अखिल भारतीय हस्तशिल्प बार्ड
3.	All India Radio	आकाशवाणी
4.	Income Tax Department	आयकर विभाग
5.	Central Cottage Industries Emporium	केन्द्रीय कुटीर उद्योग एम्पोरियम
6.	Central Bureau of Investigation	केन्द्रीय जाँच ब्यूरो
7.	Central Reserve police	केन्द्रीय रिजर्व पुलिस
8.	Central Vigilance Commission	केन्द्रीय सतर्कता आयोग
9.	Central Social Welfare Board	केन्द्रीय समाज कल्याण बोर्ड
10.	Central Hindi Directorate	केन्द्रीय हिन्दी निदेशालय
11.	Department of Atomic Engery	परमाणु ऊर्जा विभाग
12.	Department of Transport & Shipping	परिवहन और जहाजरानी विभाग

13.	Supreme Court of India	भारत का उच्चतम न्यायालय
14.	Archaeological Survey of India	भारतीय पुरातत्त्व सर्वेक्षण
15.	Survey of India	भारतीय सर्वेक्षण
16.	Cabinet Secretariat	मंत्रिमण्डल सचिवालय
17.	Accountant General Post & Telegraphs	महालेखाकार डाक–तार
18.	Printing & Stationery Department	मुद्रण तथा लेखन विभाग
19.	Planning Commission	योजना आयोग
20.	National Physical Laboratory	राष्ट्रीय भौतिक प्रयोगशाला
21.	National Small-Scale Industries Corporation	राष्ट्रीय लघु उद्योग निगम
22.	National Council of Educational	राष्ट्रीय शैक्षिक अनुसंधान
23.	Public Works Department	लोक निर्माण विभाग
24.	Union Public Service Commission	संघ लोक सेवा आयोग
25.	Life Insurance Corporation of India	भारतीय जीवन बीमा निगम

B.A. SEMESTER–III
Course Code: BPBI-2303
ਚੋਣਵੀਂ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 06   ਕੁੱਲ ਅੰਕ: 100
ਕੁੱਲ ਘੰਟੇ: 60   ਥਿਊਰੀ ਅੰਕ: 75
ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 25

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਮੱਧਕਾਲੀਨ ਪੰਜਾਬੀ ਕਾਵਿ ਦੀ ਸ੍ਰੇਸ਼ਟਤਾ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਸ਼ਵ ਪ੍ਰਸਿੱਧ ਕਹਾਣੀਆਂ ਦਾ ਅਧਿਐਨ ਕਰਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਬੁਨਿਆਦੀ ਸੰਕਲਪਾਂ ਦਾ ਗਿਆਨ ਕਰਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਦੇ ਵਿਭਿੰਨ ਰੂਪਾਂ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣਾ।	• ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਮੱਧਕਾਲੀਨ ਸਾਹਿਤ ਦੀ ਵਿਚਾਰਧਾਰਾ ਤੋਂ ਗਿਆਨ ਹਾਸਲ ਕਰਕੇ ਆਪਣੀ ਜਾਣਕਾਰੀ ਵਿਚ ਵਾਧਾ ਕਰਨਗੇ। • ਸਾਹਿਤ ਆਲੋਚਨਾ ਦੇ ਮੂਲ ਸੰਕਲਪਾਂ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਆਲੋਚਨਾ ਦ੍ਰਿਸ਼ਟੀ ਵਿਕਸਿਤ ਹੋਵੇਗੀ। • ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਕਹਾਣੀਆਂ ਦੀਆਂ ਕਲਾਤਮਕ ਜੁਗਤਾਂ ਦੀ ਸਮਝ ਰਾਹੀਂ ਆਪਣੀ ਜਾਣਕਾਰੀ ਵਿਚ ਵਾਧਾ ਕਰਨਗੇ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹਨ। ਪ੍ਰੀਖਿਅਕ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ-ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75 + 25 = 100 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਮੱਧਕਾਲੀਨ ਪੰਜਾਬੀ ਕਾਵਿ (1701-1900)
ਹਰਜਿੰਦਰ ਸਿੰਘ ਢਿੱਲੋਂ ਅਤੇ ਨਰਜੀਤ ਸਿੰਘ ਖਹਿਰਾ (ਸੰਪਾ.), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
ਨੋਟ: ਫ਼ਜ਼ਲ ਸ਼ਾਹ ਅਤੇ ਹਾਸ਼ਮ ਪਾਠ-ਕ੍ਰਮ ਦਾ ਹਿੱਸਾ ਨਹੀਂ ਹਨ।
(ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ)

ਭਾਗ-ਦੂਜਾ

ਪੰਜਾਬੀ ਕਹਾਣੀ ਦੀ ਸ਼ਾਹਰਾਹ
ਡਾ. ਰਮਿੰਦਰ ਕੌਰ (ਸੰਪਾ.), ਰਵੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।
ਨੋਟ: 'ਓਪਰਾ ਮਰਦ' ਅਤੇ 'ਡੈੱਡ ਲਾਈਨ' ਕਹਾਣੀਆਂ ਸਿਲੇਬਸ ਦਾ ਹਿੱਸਾ ਨਹੀਂ ਹਨ।
(ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਪਾਤਰ ਚਿਤਰਨ)

ਭਾਗ-ਤੀਜਾ

ਸਾਹਿਤ ਆਲੋਚਨਾ ਨਾਲ ਸੰਬੰਧਿਤ ਮੂਲ ਸੰਕਲਪ:
ਬਿੰਬ, ਪ੍ਰਤੀਕ, ਬੁਣਤੀ ਤੇ ਬਣਤਰ, ਕਥਾ ਤੇ ਕਥਾਨਕ, ਪਾਤਰ ਉਸਾਰੀ, ਰੂਪ ਅਤੇ ਵਸਤੂ, ਅਨੁਕਰਣ, ਵਿਰੇਚਣ

ਭਾਗ-ਚੌਥਾ

ਸਾਹਿਤ ਰੂਪ:
ਪਰਿਭਾਸ਼ਾ, ਪ੍ਰਕਿਰਤੀ ਅਤੇ ਤੱਤ: ਵਾਰ, ਜੰਗਨਾਮਾ, ਕਿੱਸਾ, ਕਾਫੀ

B.A. SEMESTER–III
Course Code: BFAA-2309
Fine Arts
Paper-A: History of Indian Sculpture
(Theory)

Credit hours /week: 2   **Total Marks: 100**
Total hours: 30   **Paper A: Theory Marks: 35**
Time: 3 Hours   **Paper B and C: Practical Marks: 20+20 = 40**
                                    Internal Assessment Marks: 25

Note: Instructions for the Paper Setters:
   a. 35 Marks for the theory paper and 20 marks for each practical
   b. The question paper will cover the entire syllabus.
   c. Questions should be based on world famous paintings and sculptures whose slides are easily available.
   d. Question paper should cover the syllabus uniformly.
   e. The paper setter should set the paper in two sections, A and B.
   f. The division of the marks will be as under.
Section-A: 10 marks for 10 objective questions. Each question carries 1 mark.
Section-B: 25 marks for 5 questions. The examiner will set 8 questions. The candidate will attempt 5 questions of 5 marks each.

Course Objective:
   1. This course will enable students to improve their potential and creativity.
   2. To understand the significance of past history in modern life.
   3. To understand different techniques to improve their observational skills.
   4. To better understand the importance of symbolism in art.

Unit-I

- **Classical Sculptures: The Guptas:**
(A) Mathura:
   i. Standing Buddha
   ii. Vishnu
(B) Sarnath:
   i. Seated Buddha
   ii. Buddha from Sultanganj

Unit-II

- **Post Classical Sculptures:**
(A) Ellora:
   i. Ravana shaking mount Kailasha
   ii. Abduction of Sita
(B) Elephanta:
   i. Trimurti
   ii. Marriage of Shiva and Parvati

Unit-III

- **Mahabalipuram**:
  - i. Descent of the Ganges
  - ii. Mahishasura Mardini
  - iii. Sculpture of a line

Unit-IV

- **Chola Bronzes:**
  - i. Parvati
  - ii. Shiva Natraja
  - iii. Kali

Suggest Readings:
1. The Art Forger by Barbara A. Shapiro
2. The Art Spirit by Robert Henri
3. Vision and Art: The Biology of Seeing by Margaret S. Livingstone
4. History of Art by H.W. Janson
5. Wall and Piece by Banksy
6. American Painting by Donald Letcher Goddard
7. The Paintings of Samuel Palmer by Raymond Lister

Course Outcomes:
1. Study Indian sculptures instructs which would help them to know the truths of the Hinduism, Buddhism and Jainism.
2. Study the imagined shapes of Gods
3. Develop techniques to improve their talents and creativity through sculpture.
4. Develop their observational skills.
5. Learn about past history, mythology and its importance in today's life.

B.A. SEMESTER–III
Course Code: BFAB-2309
Fine Arts
Paper–B: Design 2D/3D (PRACTICAL)

Total Hours: 30 hrs.   **Paper-B Marks: 20**
Time: 5 Hrs.   **Credit Hours (per week): 2 hrs.**

Course Objectives:
1. To prepare students to convert 2D drawings into 3D designs.
2. To develop an efficiency in students to create market projects
3. To provide students deeper knowledge of elements and principles of art.
4. Open version avenues to explore in the field of designing.

Study of 2-dimensional and 3-dimensional designs based on Folk forms. Any folk motif with proper shading is a 2-D design and cardboard pasted on handmade sheets in form of various folk motifs is a 3-D design- this is only an example; any other materials can also be used to create 3-D.

Medium: Poster colours
Size: ½ Imperial
Candidates will submit:-
      (i) 5 sheets of each paper
      (ii) Sketch book containing 50 sketches.

Course Outcomes:
1. Execute 2D as well as 3D designs.
2. Learn to quickly modify the design.
3. Know about design efficiency which would provide them to excel in various market projects
4. Study techniques which would help them in their professional lines.
5. Tackle with geometrical elements of height, width and depth while doing their project in class.

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B.A. SEMESTER–III
Fine Arts
Course Code: BFAC-2309
Paper–C: Head Study (Male/Female)
(Practical)

Total Hours: 30 hrs.   **Paper-C: Marks: 20**
Time: 5 Hrs.   **Credit Hours (per week): 2 hrs.**

Course Objectives:
1. To the calculator, divergent thinking in students.
2. To develop understanding about elements of head study among students.
3. To improve hand eye Coordination by improving motor skills.
4. Its purpose is to improve the creative skills among students.

Rendering of *Head* (Male/Female head) from life or cast. Emphasis should be given on structure, volume, proportion, light, shade and texture in a Monochromatic colour scheme.
Medium: Any medium
Size: ½ Imperial

Candidates will submit:-
(i) 5 sheets of each paper
(ii) Sketch book containing 50 sketches.

Course Outcomes:
1. Get basic understanding of portraiture.
2. Become aware of the initial stage of portrait in monochrome.
3. Enhance their creative power.
4. Create and implement the concepts and basic principles of head study.

B.A. SEMESTER–III
Geography
Course Code-BGEO-2319
Resources and environment: World patterns
(Theory)

Credit hours (per week): 4   **Max. Marks: 100**
Total hours: 60   **Theory Marks: 45**
Time: 3 Hours   **Practical Marks: 30**
                                                                            Internal Assessment: 25

Instructions for the Paper Setters:

1. A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt any 5 questions in about 20–30 words each. Each question will carry 1marks **(Total 5 marks).**

2. The whole syllabus will be divided into 4 units. Eight questions will be set out of the whole syllabus, 2 from each unit. The students will be required to attempt one question from each unit. Each question carrying 10 marks. These will be in addition to the compulsory question at serial number 1 **(Total 40 marks).**

3. Special credit will be given to suitable use of maps and diagrams.

Course Objectives:
Students will learn concept of resources and their interface with environment. To examine use and misuse of various resources and analyze future prospectus. To understand the quantitative and qualitative aspects of human resources in spatial perspective and the associated environmental problems.

UNIT - I

Environment: Meaning, Nature and Components
Biotic abiotic, Exhaustible and inexhaustible, Potential and Developed Agricultural and Pastoral, Mineral and Industrial.
Distribution availability, utilization and conservation of water and Energy resources: Coal, Petroleum, natural Gas

UNIT - II

Forests: Types and distribution of forests—their economic and environmental significance and Conservation.
Fisheries;Types and distribution of fisheries—their economic and environmental significance and Conservation.
Soils; Major soil types and their distribution; problems of soil erosion and soil conservation.

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UNIT-III

Human Resources: Marx theory. Population growth, Distribution and density
Population Resources relationship: Population resources regions of the World.

UNIT-IV

Environmental Issues: Air Pollution; food security; deforestation; conservation of wild life, biodiversity

Books recommended

1.   Agarwal, A. et.al. : The Citizen's Fifth Report, Centre for Science and Environment, NewDelhi, 1999.
2.   Chandna, R.C.: A Geography of Population, Kalyani Publishers, Ludhiana, 2014.
3.   Chawla, I.N.: Geography of Resources, Bharat Prakashan, Jalandhar, latest edition.
4.   Hartshorne Truman A and W. Alexander: Economic Geography, Prentice Hall, 1988, 3rd John Edition.
5.   Kates, R.W. & Burton, I (Eds.): Geography, Resources and Environment, Vol. I & II, University of Chicago Press, Chicago, 1986.
6.   Naresh Kumar: Environmental Studies, Sharma Publishers, Jalandhar 2009.
7.   Trewartha, G.T.: A Geography of Pupulation— World Patterns. John Wiley and Sons, NewYork, 1969.
8.   Zelinsky, Wilbur: A Prologue to Population Geography, Prentice Hall, New Jersey, 1966.
9.   Zimmerman E.W.: World Resources and Industries, Harpar, New York.
10.   Chandna, R.C.: Environmental Geography Kalyani Publishers, Ludhiana, 2014.
11.   Chawla. I.N.,: Resources & Environmental Bharat Publishers, Jalandhar.
12.   Singh, J.S. & Singh, S.P. & Gupta S.R. (Eds.): Ecology Environment and Resources Conservation, Anamaya Publishers, New Delhi, 20

COURSE OUTCOMES	
Sr.No.	On completing the course, the students will be able to:
CO-1	Understand the importance of resources and environment.
CO-2	Understand how man induced changes in environment.
CO-3	Understand how to conservation and management of environment and resources

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B.A. SEMESTER–III
Geography
Course Code: BGEOP- 2319
Cartography
(Practical)

Credit hours /week: 2   **Max Marks:30**
Total hours: 20   **Written Paper: 15 Marks**
Time: 3 Hours   **Practical Record (File): 08 Marks**
                                                           Viva: 07 Marks

Course Objectives:
Students will come to know the uses of graphs and its types. To apprise the students with symbolization of different types of geographical data and depiction of various spatial data.

UNIT—I

Symbolization of Geographical Data:
Point Symbols: Dot, circle, sphere.
Line Symbols: Isopleths and flow lines.
Areas Symbols: Choropleth.

UNIT—II

Construction and Significance of the following:
Columnar diagrams: Simple, superimposed, composite.
Graphs: Line graphs, climograph, hythergraph, erograph, wind rose.
Note:
A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt 6 short answer type questions in about 25–30 words each. Each short answer type question will carry ½ mark **(Total 3 marks).**
The whole syllabus will be divided into 2 units. Eight questions will be set out of the whole syllabus, four from each unit. The students will be required to attempt two questions from each unit. Each question will carry 3 marks. These will be in addition to the compulsory question at serial number 1. **(Total 12 marks).**
Evaluation of Practical Record will be done at the time of viva-voice examination.
A minimum of 16 sheet are to be prepared by eachstudent.
In case, the candidate has applied for improvement, he/she should be required to make a fresh practical note book.
For practical classes, the number of students in one group shall not exceed fifteen.

Recommended Books:-

Khullar, D.R.: Essentials of Practical Geography, New Academic Publishing Co., Mai HiranGate, Jalandhar, 2016.
Singh, Gopal: Mapwork and Practical Geography, Vikas Publishing House, Pvt. Ltd., New Delhi,1995.
Singh L.R. &Singh, Raghunandan: Mapwork and Practical Geography, CentralBook Depot,Allahabad, 1993.
Phyllis Dink: Mapwork, Atma Ram & Sons, 1991.
Further readings
Mishra, R.P. & Ramesh, A.: Fundamental of Cartography, Concept Publishing Co., NewDelhi, 1989.
Monkhouse, F.J. & Wilkinson, H.R.: Maps and Diagrams, Methuen & Co., London, Third Edition, 1976.
Robinson, A.H. & Randall, D. Sale: Elements of Cartography, John Wiley & Sons, New York, (SixthEdition), 1995.

Course outcomes	
Sr. No.	**On completing the course, the students will be able to:**
CO-1	Understand skill of drawing maps.
CO-2	Learning the interpretation of topographic maps.
CO-3	Understand the cartographic symbols

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B.A. SEMESTER–III
History
Course Code: BHIS-2310
History of India (A.D. 1707-1947)

Credit hours /week: 4   **Total Marks: 100**
Total hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setters:
Section–A: The examiner will set 8 questions from entire syllabus and the candidate will attempt 5 questions carrying 3 marks each. Answer to each question shall be in about 100 words. The total weightage of this Section will be 15 marks.

Section–B: The examiner will set 8 questions, two from each Unit. The candidate will attempt 4 questions selecting one from each Unit in about 1000 words. Each question will carry 15 marks. The total weightage of this Section will be 60 marks.

Important Note: Paper Setter must ensure that questions in **Section–A** do not cover more than one point, and questions in **Section–B** should cover at least 50 per cent of the theme.
The Paper Setter is to set the question paper in three languages i.e. English, Punjabi & Hindi.

Course Objectives: The main objective of this course is to provide knowledge about the foundation of the British rule in India, their strategies to expand their rule in India, various administrative, social and economic changes brought by them in India. It also aims at acquainting the students with major events of the national movement in India via its three Gandhian Mass Movements: The Non-Cooperation Movement, The Civil Disobedience Movement and The Quit India Movement. It also intends to highlight the role of revolutionaries in the freedom movement of India.

Unit – I

1.   **Foundation of British Rule:** Advent of the British; Battles of Plassey and Buxar;Clive and Warren Hastings; Subsidiary Alliance Policy

2.   **The Uprising of 1857:** Doctrine of Lapse; Causes; Spread of the Uprisings; Natureand aftermath.

Unit – II

3.   **Economic Changes:** Agriculture; British Commercial Policies and the Impact on the Balance of Trade; Decline of Indigenous Industries; the Growth of Modern Industry; The Drain Theory.

4. **Growth of Education:** New Education; Rise of the Middle Classes; **Socio Religious Movements :** Brahmo Samaj; Arya Samaj; Rama Krishana Mission; Prarthna Samaj; Theosophical Society; Aligarh Movement

4.

Unit – III

5. **Indian National Congress:** Moderate Phase (1885-1905);The Revolutionary Terrorism: Partition of Bengal and its Impact; Revolutionary Terrorism in Bengal, Maharashtra and the Punjab; Impact on the National Movement

6. **The Mass Politics:** Emergence of Mahatma Gandhi; The JallianwalaBagh Massacre and its Impact; Khilafat Agitation; the Non-cooperation Movement, its Withdrawal and Impact; the Swarajists; The Simon Commission; The Civil Disobedience: The Programme and the Course of the Civil Disobedience Movement; the Round Table Conferences; Communal Award; Poona-Pact; Withdrawal of Civil Disobedience Movement

Unit – IV

7. **Constitutional Developments:** The Indian Council Act of 1909;The Government of India Actof 1919; The Government of India Act of 1935

8. **Towards Partition and Independence:** Growth of Communal Politics; Lahore Resolution; Cripps Proposals; Quit India Movement; the INA Trials; Interim Government and Elections; Cabinet Mission; Towards Independence

Readings:

Sekhar Bandyopadhyay, *From Plassey to Partition: A History of Modern India*, Orient Longman, Hydrabad, 2004.
Sugata Bose and Ayesha Jalal, *Modern South Asia: History, Culture, Political Economy*,OUP, New Delhi, 2004.
Stein Burton, A History of India, OUP, New Delhi, 2003.
BipanChandra, *History of Modern India*, Orient Longman, Hydrabad, 2009.
_____, *India's Struggle for Independence,* Penguin, New Delhi,2001.

M. K. Chaudhuri, (ed.), *Trends of Socio-Economic Change in India (1871-1961),* IIAS, Simla, 1969.
P.N. Chopra, *A Social, Cultural and Economic History of India: Modern, India,* Vol.III, Macmillan, New Delhi, 1974.
SukhbirChoudhary, *Peasants' and Workers' Movements in India(1905-1929)*,PPH, New Delhi, 1971.
Kali KinkarDatta,*A Social History of Modern India*, Macmillan, New Delhi,1975.
A.R. Desai,*Social Background of Indian Nationalism*, PopularPrakashan, Bombay, 1966.
B.L. Grover,Alka Mehta, *A New look at Modern Indian History* (From 1707 totheModern Times), S. Chand & Company Ltd., New Delhi,2000.
N. Jayapalan, *History of the Freedom Movement (1857-1947*), AtlanticPublishers, New Delhi, 2000.
Kenneth Jones, *Socio-Religious Movements in India,* CUP, Cambridge,New Delhi, 1989.
K.L.Khurana., *Modren India (1707-1967),* Lakshmi NarainAgarwal,Agra, 2010.

V.D.Mahajan,*Modern Indian History*: *From 1707 to The Present Day,*S.Chand& Company, New Delhi, 1995.

B.B.Misra,*The Indian Middle Classes: Their Growth in ModernTimes,* OUP, London, 1978.
SumitSarkar, *Modern India (1885-1947),* Orient Longman, New Delhi, 1983.

Course Outcomes:

After completion of the course, the students will be able to learn:

CO-1   The different strategies of the British to establish and expand their rule inIndia.
CO-2   Various administrative, social and economic changes brought by them inIndia.
CO-3   Role of Gandhiji in National Movement in India.
CO-4   Impact of revolutionaries in the freedom movement of India.CO-5 Rise of communal politics and partition of India

B.A. SEMESTER–III
Mathematics
Course Code: MAT-231A
Analysis

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 38 Marks**
Time:- 3 Hours   **Internal Assessment: 12 Marks**

Medium: English
Instructions for the Paper Setters:

The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
The Section–A will consists of eight compulsory questions, each of one mark.
The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
Teaching time for this paper would be six periods per week.

  Course Objectives:

Analysis is the branch of mathematics that studies the behavior of real numbers, sequences and series of real numbers.
 The content of this course is designed to make the students understand to work comfortably to test the convergence of sequences and series of various types and the convergence of improper integrals.
The content of this course helps to solve Riemann integrability, the use of beta and gamma functions in solving various problems of calculus.

Unit-I
Definition of a sequence. Theorems on limits of sequences. Bounded and monotonic sequences. Cauchy's convergence criterion.

Unit-II
 Series of non-negative terms. Comparison tests. Cauchy's integral tests. Ratio tests. Cauchy's root test. Raabe's test, Logarithmic test. Demorgan's and Bertrand's tests. Kummer's test, Cauchy Condensation test, Gauss test, Alternating series. Leibnitz's test, absolute and conditional convergence.

Unit-III
Partitions, Upper and lower sums. Upper and lower integrals, Riemann integrability. Conditions of existence of Riemann integrability of continuous functions and of monotone functions. Algebra of integrable functions.

Unit-IV
Improper integrals and statements of their conditions of existence. Test of the convergence of improper integral, beta and gamma functions.

Books Prescribed:
Malik, S.C & Arora, Savita.: Mathematical Analysis, Wiley Eastern Ltd. (1991).
Apostal, T.M.: Mathematical Analysis, Addison Wesley Series in Mathematics (1974).
Narayan, S & Mittal, P.K.: Integral Calculus, S. Chand & Co.

Course Outcomes: On completing the course, the students will be able to:
Study the behavior of real numbers, sequences and series of real numbers.
Test the convergence of sequences and series of various types, the convergence of improper integrals.
Apply the concept of Riemann integrability, the use of beta and gamma functions in solving various problems of calculus.

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B.A. SEMESTER–III
Mathematics
Course Code: MAT-231B
Analytical Geometry

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setters:
The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
The Section–A will consists of SEVEN compulsory questions, each of one mark.
The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
Teaching time for this paper would be six periods per week.

Course Objectives:
Analytic geometry is a branch of mathematics that enable the students in understanding and applying the concepts of geometry in the daily life.
Some of such applications of geometry in different fields are art, robotics, Computer, and video games, architecture, Astronomy and physics, geographic information systems, and also in the construction of stairs making the use of angles of geometry.
Helps to understand the concepts of change of origin, rotation of axes and invariants for second degree equations in two and three dimensions.
The properties of conics (parabola, ellipse, hyperbola and sphere) are also to be studied.

COURSE CONTENT:
Unit-I
Transformation of axes in two and three dimensions: Shifting of origin, Rotation of axes, The invariants, Joint equation of pair of straight lines, equations of bisectors.
Unit-II
Parabola and its properties. Tangents and normals, Pole and polar, pair of tangents at a point, Chord of contact, equation of the chord in terms of mid point and diameter of conic.
Unit-III

Ellipse and hyperbola with their properties. Tangents and normals, Pole and polar. Pair of tangents at a point, Chord of contact.
Unit-IV
Intersection of three planes, condition for three planes to intersect in a point or along a line or to form a prism. Identifications of curves represented by second degree equation (including pair of lines). Sphere, Section of a sphere by a plane, spheres of a given circle. Intersection of a line and a sphere. Tangent line, tangent plane, power of a point w.r.t. a sphere, radical planes.

Books Prescribed:

Gorakh Prasad and H.C. Gupta: Text Book on Coordinate Geometry.

2. S.L. Loney: The Elements of Coordinate Geometry, Macmillan and Company, London.

     3. Narayan, S. & Mittal, P.K.: Analytical Solid Geometry, S. Chand & Co.

     4. Kreyszig, E.: Advanced Engineering Mathematics, John Wiley & Sons.

     5. Thomos, G.B. and Finney, R.L.: Calculus and Analytic Geometry.

Course Outcomes: On completing the course, the students will be able to:

understand and apply the concepts of geometry in the daily life.

analyse the applications of geometry in different fields such as art, robotics, Computer, and video games.

realize the important role of Analytical Geometry in architecture and also in the construction of stairs by making use of angles.

comprehend the concepts of change of origin, rotation of axes and invariants for second degree equations in two and three dimensions.

know about the properties of conics (parabola, ellipse, hyperbola and sphere).

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B.A. SEMESTER–III
Music (Vocal)
Course code: BMUV-2317-A
(THEORY)

Credit hours /week: 2   **Total Marks: 100**
Total hours: 30   **Theory: 35 Marks**
Time: 3 Hours   **Practical : 40 Marks**
                                                             Internal Assessment: 25 Marks

Instructions for the Pap er Setter:
Medium of Instructions is Punjabi, Hindi and English.

I.   While sending the syllabus to papersetter in theory the syllabus prescribe for thparactical paper should also be sent.
II. The papersetter should set the paper into two sections Aand B.
III. Section-A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.
IV. Section-B: The paper setter will set eight questions, selecting at least one question fromeach Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.

Program Objective: To provide knowledge of historical development of music. The student will be able to introduction to proper form of Alaap through different vocal exercises of prescribed ragas. With special reference of Gurmat sangeet and great musician of Indian classical music

Section-A
1. Historical Development of Indian Music during 14th to 17th century with special reference to Akbar Period.
2. Definition and explanation of the following Musical Terms: Alap, Bol Alap, Bol Baant, Upaj.

Section-B
3. Detailed Studyof Tanpura and Sahayak Naad.
4. Varieties of Tanas.

Section-C
5. Description and notation of the following Ragas: Bhimplasi, Des and Vrindavani Sarang.
6. Description and notation of the following Talas: Ektal and Sooltal.

Section-D

7. Contribution and Life Sketches of the following musicians: Bade Ghulam Ali Khan, Pt. Bheem Sen Joshi, Vinayak Rav Patwardhan.
8. Salient features of Kirtan Chaunkis in special context of Gurmat Sangeet.

Books Recommended:

1. Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2. Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published by Punjabi University, Patiala. 1972.

3. Vasant ,*Sangeet Vishard*, Sangeet Karayalya, Hathras .2013.

4. Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak .27 Mahajani Tola, Allahabad. 1972.

5. Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6. Vishnu Narayan Bhathkhande, *Kramik Pustak Malika* .Sangeet Karyalaya, Hathras (U.P). 1970.

7. Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala.1991

8. Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*,Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Sing vilambit and Drut khayal
CO-2. Learn the musical techniques
CO-3. Learn about vocal culture techniques with major and minor notes

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B.A SEMESTER-III
Music (Vocal)
Course code: BMUV-2317-B
(PRACTICAL)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

Time: 20 Minutes for each student

1. Ability to play five alankars on the Harmonium based onthe Kafi Thata.
2. One Vilambit Khayal in any of the Ragas prescribed in the course with simple Alaps and Tanas.
3. One Drut Khayal in each of the following Ragas with simple Alaps and Tanas: Bhimplasi, Des and Vrindavi Sarang.
4. One Lakshan Geet in Prescribed Raga.
5. One Dhrupad with Dugan Laykari in any of the prescribed Ragas.
6. Ability to recite Ektal and Sooltal showing Khali Taliwith handmotion in Ekgun, Dhugan Layakaries.
7. Brief Knowledge of following Ragas: Dhanashri, Sorath and Madhmaad Sarang.
8. Ability to play theka of Rupak Tala on table.
9. Ability to play Dhun of any Folk Song Punjab on Harmonium/ any instrument.

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B.A. SEMESTER-III
Music (Instrumental)
Course code: BMUI-2318-A
(THEORY)

Credit Hours (per week): 2   **TotalMarks:100**
Total Hours: 30   **Theory Marks:35**
Time:3Hours   **Practical Marks:40**
                                                                  Internal Assessment : 25

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

I.   **While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.**
II. **The paper setter should set the paper into two sections A and B.**
III. **Section –A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.**
IV. **Section-B: The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.**

Program Objective:To provide the introduction of history of music with tala and ragas. Contribution of gurmat sangeet and its string instruments.

Section-A

1. Historical development of Indian Music during medieval period i.e from 12th to 15thcentury.
2. Detailed study of "Naad"
3.

Section–B

4. Life Sketch and Contribution of Ustad Vilayat Khan & Panna lal Ghosh
5. Techniques and Methods of tuning of Dilruba or Sitar.
6. Brief knowledge of the following:- Meend, Ghaseet, Kan, Krintan.
7. Description and notation of the prescribed Ragas: Bhimplasi, Asavari and Des.

Section–C

8.   Brief knowledge of the following Ragas: Kafi, Jaunpuri and Sorath.
9.   Brief knowledge ofthe following Talas: Ektal & Sooltal.

Section–D

10.   Classification of Instruments used in Gurmat Sangeet.
11.   Contribution of Guru Nanak Dev Ji towards Indian Music.

Books Recommended:

1.   Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2.   Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.

3.   Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.

4.   Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.

5.   Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6.   Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.

7.   Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991

8.   Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Get knowledge to understand the life and contribution of great musicians

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–III
Music (Instrumental)
Course code: BMUI-2318-B
(Practical)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

Ability to play Ten Alankars of Kafi Thaat on your Instrument.

One Razakhani Gat in each of the following ragas with Toras Rag Bhimplasi and Des.

Brief knowledge of following non-detailed Ragas Kafi and Bihag.

Ability to recite Ektal and Rupak tal on hand in Ekgun and Dugun Layakaris.

Ability to play any Cinematic song with any instrument.

Ability to play Theka of Rupak Taal on Tabla.

One Masseetkhani Gat in any of Ragas prescribed in the Course.

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B.A. SEMESTER–III
Course Code: BPED-2315
Physical Education

Credit Hours (per week): 4   **TotalMarks:100**
Total Hours: 60   **Theory Marks:45**
Time:3Hours   **Practical Marks:30**
                                                                  Internal Assessment: 25

Instructions for the Paper Setters:

Part A: Set 5 questions of very short answer type questions selecting at least one from each section. All questions are compulsory. Each question carries 2 marks.

(5×2 Marks =10 Marks)

Part B: Divide in to 4 sections. Set 10 questions of long answer type selecting at least two from each section. Each question carries 5 marks.   (7×5 Marks=35 Marks)

Instructions for the candidates:

Part A: All questions are compulsory. Each question carries 2 marks.

(5×2 Marks =10 Marks)

Part B: Candidates have to attempt 7 Questions out of 10.

Each question carries 5 marks.   (7×5 Marks=35 Marks

Course Objective:

Section A

1. Meaning of Learning, Nature of Skill Learning and laws of Learning.

2. Learning Curve.

3. Motivation in Physical Education.

Section B

4. Play meaning and theories.

5. Psychological factors effecting sports performance and strategies to cope with stress, anxiety and aggression?.

6. Transfer of training, its application in sports situations.

Section C

7. Fitness Test Batteries
AAPHERD (Fitness Test) (II) Queens
College Step Test (Cardio Respiratory Endurance)
8. National Sports Day

   (a) Biography of Dhyan Chand

   (b) National Sports Awards

Section D

9. Sports and Economy.

10. Causes of poor performance of Sports in India.

11 . Sports and Socialization-integration through sports (National & International)

12. Sports, Politics and their relationship.

B.A. SEMESTER–III
Physical Education
(Practical)

Practical (External) Marks: 30

> **Athletics Performance** ---------- 200M, Discuss Throw : 6 marks
> **Games (Boys & Girls) ----** Fundamental, Rules, Performance

Football, Lawn tennis : 6 marks

> **Viva** : 6 marks
> **Practical file**: 6 marks

> **Specific game performance** : 6 marks

Suggested Readings:
- Singh, Kanwaljeet and Singh Inderjeet: Sports Sociology, Friends Publication, New Delhi, 2000.
- Tandan, D.K. et.al,:Scienctific basis of Physical Education and Sports, Frends Publication, New Delhi, 2001.
- Singh, Ajmer and Gill Jagtar: Essentials of Physical Education and Olympic Movement,
  Kalyani Publishers, Ludhiana, 2004.
- Kang, G.S.: Anatomy, Physiology and Health Education, Publication Bureau, Punjabi
  University, Patiala, 2000.
- Kang, G.S. and Deol, N.S.: An Introduction to Health and Physical Education, 21st Century, Patiala, 2008.

Sr. No.	On completing the course students will be able to:
CO1	Understand the concept of learning and motivation.
CO2	Know various psychological disorders and technique to avoid them
CO3	Know the relationship between Sports and politics
CO4	Get knowledge about renowned sports personalities

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B.A. SEMESTER–III
Political Science
Course Code: BPOL-2313
Indian Constitution

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:
        The purpose is to provide knowledge about constitutional aspects of the political structures in India at state and national level; to inculcate basic philosophy of the Indian Constitution in the minds of the students and to make them aware about their rights, duties and obligations.

UNIT-I

1. Constituent Assembly and Making of India's Constitution.
2. Basic Features of the Indian Constitution.
3. Preamble and its importance.
4. Centre-State Relations and Nature of Indian Federalism.

UNIT-II

5. Fundamental Rights: Features, Kinds and Evaluation.
6. Fundamental Duties.
7. Directive Principles of State Policy.

UNIT-III

8. Parliament: Composition, Powers and Role.
9. President: Election, Powers and Position.
10. Prime Minister and Council of Ministers: Appointment, Powers, Position and Changing Role.
11. Supreme Court and High Court: Composition, Powers and Role, Judicial Review.

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UNIT-IV

12. Governor: Appointment, Powers and Role.
13. State Legislature: Composition, Powers and Role.
14. Chief Minister and Council of Ministers: Appointment, Powers, Position and Role.

Books Recommended:

1. A.S. Narang, *Indian Government and Politics,* New Delhi: Gitanjali, 1999.
2. B.L. Fadia, *Indian Government and Politics,* Agra: Sahitya Bhavan Publications, 2008.
3. C.P. Bambhri, *The Indian State: Fifty Years,* New Delhi: Shipra, 1997.
4. D.D. Basu, *An Introduction to the Constitution of India,* New Delhi: Prentice Hall, 2008.
5. G. Austin, *The Indian Constitution: Corner Stone of a Nation,* Oxford: Oxford University Press, 1966.
6. G. Austin, *Working of a Democratic Constitution: The Indian Experience,* Delhi: Oxford University Press, 2000.
7. H. K. Puri, Centre-State Relations in India : A Review of Sarkaria Commission Report, *Punjab Journal of Politics*, Vol. XIII, No. 1-2, 1989.
8. J.N. Pandey, Constitutional Law of India, Allahabad: Law Agency, 1992.
9. M. Laxmikanth, *Indian Polity*, Tata Mcgraw, 2012.
10. M.V. Pylee, *An Introduction to the Constitution of India,* New Delhi: Vikas, 1998.
11. Nirmal Mukerji and Balveer Arora, ed., *Federalism in India: Origins & Development,* New Delhi: Vikas, 1992.
12. Rajni Kothari, *Politics of India*, Orient Blackswan, 2010.
13. Rajni Kothari, *State against Democracy: In Search of Human Governance,* Delhi: Ajanta,1988.
14. Zoya Hassan, et, al., *India's Living Constitution,* New Delhi: Permanent Black, 2002.

Course Outcomes:

CO-1 Provides knowledge about the nature and making of the Indian Constitution.

CO-2 Helps in understanding the philosophy of the Indian Constitution.

CO-3 Introduces the Indian Constitution with a focus its evolution and examines the essence of the Preamble.

CO-4 Makes the students aware about Fundamental Rights, Duties of the Indian citizens and significance of Directive Principles of State Policy.

CO-5 Critically analyzes the working of important political institutions of the Indian state.

B.A. SEMESTER–III
Psychology
BPSY-2311
Experimental Psychology-I
(Theory)

Credit Hours (per week):4   **Max. Marks: 100**
Total Hours: 60   **Theory: 50 Marks**
Time: 3 Hours   **Practical: 25 Marks**
                                      Internal Assessment: 25 Marks

Instructions for the Paper Setters:

Section A: This section will consist of ten short answer type questions, each carrying 2 marks. All questions will be compulsory. Answer to each question shall be in 50 words approximately. The total weightage of this section shall be 20 marks.

Section B: This section will consist of six questions. Candidates shall attempt any three questions. Each question carries 10 marks.

Note: The use of Non–Programmable calculators and Statistical Tables are allowed in the examination.

Course Objectives:
Students will be taught the fundamental concepts of Experimental Psychology with the motive to prepare them for designing and conducting experiments. They will acquire the contribution of sensation and perception in determining human behavior. Perception of organization, form and space will be introduced to students so that they can better understand the three-dimensional space. This course will enable students to understand the statistical significance of normal probability curve in relation to different psychological constructs.

UNIT-I
Experimental Psychology: Introduction and Nature of Experimental Method, Advantages and Disadvantages.

Variables: Types of Variables- Stimulus, Organismic and Response Variables, Process of Experimentation, Manipulation and control of variables, Concept of Within and Between Experimental Designs.

UNIT-II
Sensation: Types of sensations, Visual sensation- Structure and functions of the eye, Brief overview of Theories of color vision (Young-Helmholtz, Opponent-Process & Evolutionary), Auditory Sensation- Structure and functions of the Ear, Brief introduction of Theories of hearing, Brief introduction to cutaneous sensation, olfactory sensation and gustatory sensation.
Perceptual Processes: Selective Attention, Nature and factors affecting Perception, Principles of Perception (organization), Perception of form; contour and contrast, figure-ground differentiation, perceptual set.

UNIT-III

Perception of Movement: Image-Retina and Eye-Head movement system, Apparent movement, Induced movement, Auto-Kinetic movement.

Perception of Space: Monocular and Binocular cues for space perception, Perceptual constancies- lightness, brightness, size and shape.

Illusions: Types, causes and brief discussion of theories.

Statistics: Normal Probability Curve, Its nature and characteristics (Numerical of Area under NPC only)

Suggested Readings:
1. Ciccarelli, S.K., & White, J.N. (2015) *Psychology.* Boston: Pearson Publishers.
2. D. Amato, M.R. (1979). *Experimental Psychology*, New Delhi: Tata McGraw Hill.
3. Garrett, H.E., & Woodworth, R.S. (1969). *Statistics in Psychology and Education. Bombay*: Vakils, Feffer & Simons Pvt.Ltd.
4. Jain, S. (2001). *Introduction to Psychology*. New Delhi: Kalyani Publishers.
5. Kerlinger, F. N. (1973). *Foundations of Behavioral Research (2nd edition)*. Delhi: Surjeet Publications.
6. Postman, L., & Egan, J.P. (1964). *Experimental Psychology*, New York: Harper and Row.
7. Schiffman, H.R. (1982). *Sensation and Perception*. John Wiley and Sons.
8. Solso, R.L., & Maclin, M.K. (2007). *Experimental Psychology. A Case Approach.* New Delhi: Pearson Education.
9. Sternberg, R.J. & Sternberg, K. (2007). *Cognitive Psychology*. USA: Thomson Wads Worth.
10. Woodworth, R.S. & Schlosberg, H. (1954). *Experimental Psychology*. New York: Holt, Rinehart and Winston, Inc.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	Develop experimental expertise in Psychology students so that they understand the significance of designing and conducting experiments.
CO2	Understand the concepts of sensation and perception with the help of experiments.
CO3	Know the distribution of population on various psychological processes with the help of normal probability curve.

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B.A. SEMESTER–III
Psychology
BPSYP-2311
Experimental Psychology-I
(Practical)

Credit Hours (per week): 2   **Marks: 25**
Total Hours: 20

Instructions for the Practical Examination:

Students are supposed to perform five practical out of six mentioned in the syllabus. Practical examination will be of three hours duration. External examiner will conduct the practical examination. Students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write–up of file book (10 Marks), performance and viva–voce (15 Marks) related to the practical.

Course objectives: The main aim is to provide the students with the practical knowledge of conducting various experiments and psychological tests in sync with experimental psychology. It will help students to administer various psychological tools on other individuals to assess sensing, perceiving and learning abilities of other individuals.

Five Practical have to be performed out of the following:

1. Role of Mental-set in perception.
2. Span of Attention/Division of Attention.
3. Muller-Lyer Illusion
4. Bilateral transfer of learning by using Mirror drawing apparatus
5. Paired Associate learning.
6. Classical Conditioning / Reaction Time (Simple Vs. choice RT or Auditory Vs. Visual RT)

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	To measure attention, perception and learning ability of individuals by using above mentioned psychological apparatus and questionnaires.
CO2	To analyze the results of practical quantitatively as well as qualitatively.

B.A. SEMESTER–III
Public Administration
Course Code: BPUB-2314
Personnel Administration in India

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
 Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The motive of the course is to provide knowledge about the nature and significance of personal administration; recruitment, training and role of civil servants in India, organization and functions of recruiting agencies; role of the Lok Pal and Lok Ayukta in curbing corruption and make the students aware about how this course is relevant for the aspirants of civil services.

UNIT-I

1. Personnel Administration: Meaning, Nature and Scope.
2. Functions and Significance of Personal Administration.
3. Public Services and their role in Administrative System.

UNIT-II

4. Civil Services in India; Role and Rationale of All India Services.
5. Recruitment: Meaning, Kinds and Methods.
6. Training: Meaning, Objectives and Types.
7. Promotion: Meaning and Principles.

UNIT- III

8. Personnel Agencies: Department of Personnel and Public Grievances.

9. Union Public Service Commission.

10. State Public Service Commissions, Staff Selection Commission.

UNIT-IV

11. Employer- Employee Relations in India: Employee's Participation in Management.
12. Rights of Public Servants, Obligations of Public Servants.
13. Integrity in Public Services.
14. Lok Pal and Lok Ayukta, Central Vigilance Commission (CVC).

Suggested Readings: -
1. Glenn O. Stahl, *Public Personnel Administration*, New Delhi: Oxford IBH Publication Co., 1977.
2. Government of India, *Report on Personnel Administration*, New Delhi, 1970.
3. Indian Institute of Public Administration, *Personnel Administration*, New Delhi, 1970.
4. S.L. Goel and Rajneesh Shalini, *Public Personnel Administration: Theory and Practice*, New Delhi: Deep & Deep Publications, 2002.
5. Sahib Singh and Sawinder Singh, *Public Personnel and Financial Administration*, Jallandhar: New Academic Publisher, 2007.
6. V.M Sinha, *Personnel Administration*, Jaipur: RBSA Publisher, 1985.
7. K.K. Puri and G.S. Barara, *Personnel and Financial Administration*, Jallandhar: Bharat Prakashan, 2003.

Course Outcomes:

CO-1 Enriches the students with the thrust of the subject that trained manpower is always an asset for any organization.
CO-2 Widens their knowledge about central and state civil services.
CO-3 Develops holistic view point about the administrative concepts like recruitment, training, conduct, discipline etc.
CO-4 Develops understanding about the employer-employee relationships and their impact on the working of administrative organizations.
CO-5 Provides knowledge about the constitutional machinery that works as a watch dog for checking corruption.

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B.A. SEMESTER–III
Religious Studies
ਧਰਮ ਅਧਿਐਨ
Course Code – BARS-314
(ਸਾਮੀ ਧਰਮ)

ਕ੍ਰੈਡਿਟ: 04   ਕੁੱਲ ਅੰਕ : 100
ਕੁੱਲ ਘੰਟੇ : 60   ਥਿਊਰੀ ਅੰਕ : 75
ਸਮਾਂ : 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ : 25

ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ:

ਪੇਪਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ : ੳ, ਅ, ੲ, ਸ ਅਤੇ ਹ। ਭਾਗ ੳ, ਅ, ੲ, ਸ ਵਿਚੋਂ 2-2 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਇੱਕ-ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਹੋਵੇਗਾ ਅਤੇ ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ 'ਹ' ਵਿਚੋਂ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਹੜੇ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ 1-1 ਅੰਕ ਦਾ ਹੋਵੇਗਾ।

Course Objectives
ਕੋਰਸ ਦੇ ਉਦੇਸ਼:

ਇਸ ਕੋਰਸ ਦਾ ਮੁਖ ਮੰਤਵ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਮੀ ਧਾਰਮਿਕ ਪ੍ਰੰਪਰਾ ਦਾ ਗਿਆਨ ਦੇਣਾ ਹੈ। ਇਸ ਕੋਰਸ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਯਹੂਦੀ ਧਰਮ ਦੇ ਆਰੰਭ, ਵਿਕਾਸ, ਪੈਗੰਬਰ ਮੂਸਾ ਦੇ ਜੀਵਨ ਤੇ ਸਿਖਿਆਵਾਂ ਅਤੇ ਬਾਈਬਲ ਦੇ ਪੁਰਾਣੇ ਨੇਮ ਬਾਰੇ ਦੱਸਿਆ ਜਾਵੇਗਾ। ਇਸ ਦੇ ਨਾਲ ਹੀ ਈਸਾਈ ਧਰਮ ਦੇ ਆਰੰਭ, ਚਰਚ ਦੇ ਪ੍ਰਸਾਰ, ਹਜ਼ਰਤ ਈਸਾ ਦੇ ਜੀਵਨ ਤੇ ਸਿੱਖਿਆਵਾਂ ਅਤੇ ਬਾਈਬਲ ਦੇ ਨਵੇਂ ਨੇਮ ਦੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ। ਇਸ ਤੋਂ ਇਲਾਵਾ ਇਸਲਾਮ ਤੋਂ ਪਹਿਲਾ ਅਰਬ ਦੀ ਹਾਲਤ, ਇਸਲਾਮ ਧਰਮ ਦੇ ਆਰੰਭ, ਪਿਛੋਕੜ ਅਤੇ ਪਸਾਰ, ਇਸਲਾਮ ਦੇ ਪ੍ਰਮੁੱਖ ਸਿਧਾਂਤਾ, ਹਜ਼ਰਤ ਮੁਹੰਮਦ ਸਾਹਿਬ ਦੇ ਜੀਵਨ ਅਤੇ ਪਵਿੱਤਰ ਕੁਰਾਨ ਸਬੰਧੀ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇਗੀ। ਇਸ ਦੇ ਨਾਲ ਹੀ ਪਾਰਸੀ ਧਰਮ ਦੀ ਮੁੱਢਲੀ ਜਾਣਕਾਰੀ, ਸਮਕਾਲੀ ਹਾਲਤ, ਪਾਰਸੀਆਂ ਦੀ ਭਾਰਤ ਵਿਚ ਜਲਾਵਤਨੀ, ਮਹਾਤਮਾ ਜ਼ੁਰਤੁਸ਼ਤ ਦੇ ਜੀਵਨ, ਸਿੱਖਿਆਵਾਂ, ਪਾਰਸੀਆਂ ਦੇ ਸਮਾਜਕ ਵਿਹਾਰ ਅਤੇ ਪਾਰਸੀ ਧਰਮ ਗ੍ਰੰਥਾਂ ਅਹੁਰਮਾਜ਼ਦਾ, ਅਹਰਮਨ ਅਤੇ ਜੇਂਦ ਅਵੇਸਤਾ ਸਬੰਧੀ ਜਾਣੂ ਕਰਾਉਣਾ।

ਭਾਗ (ੳ): ਯਹੂਦੀ ਧਰਮ

1. ਯਹੂਦੀ ਧਰਮ ਦਾ ਇਤਿਹਾਸ : ਮੁੱਢਲੀ ਜਾਣ-ਪਛਾਣ
2. ਪੈਗੰਬਰ ਮੂਸਾ : ਜੀਵਨ ਤੇ ਸਿੱਖਿਆਵਾਂ
3. ਯਹੂਦੀ ਧਰਮ ਗ੍ਰੰਥ : ਤੋਰਾਹ (ਠਹਅ ਠੋਰੳਹ), ਨਬੀ (ਠਹਇ ਫਰੋਪਹਏਟਸ) ਅਤੇ ਕੈਥੁਬੀਮ (ਠਹਇ ਾਂਰਿਟਨਿਗਸ) ਬਾਰੇ ਸੰਖੇਪ ਜਾਣਕਾਰੀ ।

ਭਾਗ (ਅ) : ਈਸਾਈ ਮੱਤ

1. ਈਸਾਈ ਚਰਚ ਆਰੰਭ ਅਤੇ ਪਾਸਾਰ (ਨਵੇਂ ਨੇਮ ਦੀ ਪੰਜਵੀਂ ਪੁਸਤਕ ਰਸੂਲਾਂ ਦੇ ਕਰਤਬ ਅਨੁਸਾਰ)
2. ਯਿਸੂ ਮਸੀਹ : ਜੀਵਨ ਤੇ ਸਿੱਖਿਆਵਾਂ
3. ਨਵਾਂ ਨੇਮ (ਏ ਠਇਸਟੳਮੲਨਟ) ਤਿੰਨ ਮੁਖ ਭਾਗ:
    (i)   ਮੱਤੀ ਦੀ ਅੰਜੀਲ (ਘੋਸਪੲਲੱ ੜੱੳਟਹਅ) : ਸੰਖਿਪਤ ਜਾਣਕਾਰੀ
    (ii)   21 ਪੱਤਰ (ਓਪਿਸਟਲੲਸ) ਸੰਤ ਪਾਲ ਤੇ ਦੂਜੇ ਸੰਤਾਂ ਦੇ
    (iii)   ਪ੍ਰਕਾਸ਼ ਦੀ ਪੋਥੀ (ਅਪੋਚਉਲੇਪਸਏ)

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ਭਾਗ (ੲ): ਇਸਲਾਮ

1. ਇਸਲਾਮ ਧਰਮ : ਮੁੱਢਲੀ ਜਾਣ ਪਛਾਣ, ਪਿਛੋਕੜ, ਆਰੰਭ ਅਤੇ ਵਿਕਾਸ, ਇਸਲਾਮ ਤੋਂ ਪਹਿਲਾਂ ਅਰਬ ਦੀ ਧਾਰਮਿਕ ਅਤੇ ਸਮਾਜਿਕ ਸਥਿਤੀ

2. ਪੈਗੰਬਰ ਮੁਹੰਮਦ : ਜੀਵਨ, ਸਿੱਖਿਆਵਾਂ, ਇਸਲਾਮ ਦੇ ਪੰਜ ਥੰਮ : ਈਮਾਨ, ਸਲਾਤ, ਰੋਜ਼ਾ, ਹੱਜ, ਜ਼ਕਾਤ

3. ਪਵਿੱਤਰ ਕੁਰਾਨ : ਸੰਪਾਦਨਾਂ ਅਤੇ ਬਣਤਰ

ਭਾਗ (ਸ) : ਪਾਰਸੀ ਮੱਤ

1. ਪਾਰਸੀ ਧਰਮ: ਸੰਖੇਪ ਜਾਣ-ਪਛਾਣ, ਸਮਕਾਲੀ ਸਮਾਜਿਕ ਅਤੇ ਧਾਰਮਿਕ ਅਵਸਥਾ, ਜਲਾਵਤਨੀ ਅਤੇ ਭਾਰਤ ਵਿਚ ਆਗਮਨ

2. ਜਰਤੁਸ਼ਤ : ਜੀਵਨ ਸਿੱਖਿਆਵਾਂ, ਨੇਕੀ-ਬਦੀ ਦਾ ਸਿਧਾਂਤ, ਪਰਿਵਾਰਿਕ ਅਤੇ ਸਮਾਜਿਕ ਭਾਈਚਾਰੇ ਦੀ ਬਣਤਰ

3. ਪਾਰਸੀ ਧਰਮ-ਗ੍ਰੰਥ : ਅਹੁਰ ਮਾਜ਼ਦਾ, ਅਹਰਮਨ ਅਤੇ ਜ਼ੰਦ-ਅਵੇਸਤਾ ਦੀ ਸੰਖੇਪ ਜਾਣਕਾਰੀ

ਸੁਝਾਈਆਂ ਪੁਸਤਕਾਂ ਦੀ ਸੂਚੀ:

English:

1. Ali, K. *A Study of Islamic History*, Mullick Brothers, Calcutta, 1971.
2. Ansari, M. Abdul Haq, *Islam*, Punjabi University, Patiala, 1969.
3. Buck Harry M., *People of the Lord*, The History, Scripture and faith of ancient Israel, The Macmillan, 1966.
4. *Christianity*, Punjabi University, Patiala, 1969.
5. Clark, Denmise E., *Jesus Christ- His Life and Teachings*, Madarsa Road, Kashmiri Gate, Delhi, 1654.
6. Foster, Johan, *Church History*, ISPCK, New Delhi, 2013.
7. Greenless, Duncan, *The Gospel of Zorathustra*, Adyar Publication, Madras, 1968.
8. Guillame Alferd, & Arnold Thomas (Ed.), *The Legacy of Islam*, Oxford University, London, 1960.
9. Hindson, David F., *History of Israel*, ISPCK, Delhi, 2007.
10. Hitti, P.K., *History of Arabs*, Macmillan, London, 1977.
11. M.N., Dhalla, *History of Zoroastrianism*, K.R. Cama Oriental Institute, Bombay, 1997.
12. Pickthal, M.M., *The Meaning of the Glorious Koran*, George Allan and Unwin, 1969.

Punjabi:

1. ਗੁਲਵੰਤ ਸਿੰਘ, *ਇਸਲਾਮ ਅਤੇ ਸੂਫ਼ੀਵਾਦ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1994.
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3. ਜੋਸ਼ੀ , ਐੱਲ, ਐੱਮ., *ਵਿਸ਼ਵ ਧਰਮ ਸੰਗ੍ਰਿਹ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1971.
4. ਤਾਲਿਬ ਗੁਰਬਚਨ ਸਿੰਘ (ਸੰਪਾ.), *ਸੰਸਾਰ ਦੇ ਕੁਝ ਪ੍ਰਮੁੱਖ ਧਰਮ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1985.
5. ਧਾਲੀਵਾਲ, ਤੇਜਿੰਦਰ ਕੌਰ, *ਯਹੂਦੀ ਅਤੇ ਈਸਾਈ ਧਰਮ : ਇਕ ਜਾਣ ਪਛਾਣ*, ਗ੍ਰੇਸ਼ਿਅਸ ਪਬਲੀਕੇਸ਼ਨ, ਪਟਿਆਲਾ, 2009.
6. *ਬਾਈਬਲ (ਪੰਜਾਬੀ ਅਨੁਵਾਦ)*, ਬਾਈਬਲ ਸੁਸਾਇਟੀ ਆਫ਼ ਇੰਡੀਆ, ਬੰਗਲੌਰ, 1976.
7. ਮੈਸੀ, ਜੇਮਜ਼, *ਮਸੀਹੀਅਤ : ਇਕ ਪਰਿਚਯ*, ਫਕੀਰ ਸਿੰਘ ਐਂਡ ਸੰਨਜ਼, ਅੰਮ੍ਰਿਤਸਰ, 1976.

Course Outcomes:
ਕੋਰਸ ਦੇ ਨਤੀਜੇ:

ਕੋਰਸ ਪੂਰਾ ਹੋਣ 'ਤੇ ਵਿਦਿਆਰਥੀ ਜਾਣ ਲੈਣਗੇ:
1. ਵਿਦਿਆਰਥੀ ਸਮੁੱਚੀ ਸਾਮੀ ਧਾਰਮਿਕ ਪ੍ਰੰਪਰਾ ਦੇ ਪਿਛੋਕੜ ਨੂੰ ਸਮਝਣ ਦੇ ਸਮਰੱਥ ਹੋਵੇਗਾ।
2. ਵਿਦਿਆਰਥੀ ਯਹੂਦੀ, ਈਸਾਈ, ਇਸਲਾਮ ਅਤੇ ਪਾਰਸੀ ਧਰਮਾਂ ਸਬੰਧੀ ਬਹੁਪੱਖੀ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕਰਕੇ ਉਨ੍ਹਾਂ ਦੇ ਵਿਸ਼ਵਾਸਾਂ 'ਤੇ ਜੀਵਨ ਸ਼ੈਲੀ ਨੂੰ ਸਮਝਣ ਦੇ ਸਮਰੱਥ ਹੋਵੇਗਾ।

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–III
Sociology
Course Code: BSOC-2308
Society In India

Credit hours (Per Week) :4   **Max. Marks: 100**
Time: 3 Hours   **Theory: 75**
Total hours: 60   **Internal Assessment: 25**

Instructions for the Paper Setters:

Section–A It will consist of **Ten very short answer questions.** Answer to each question will be five to seven lines. All questions will be compulsory. Each question will carry two marks. Total weightage of this section is **20 marks.**
Section–B It will consist of seven questions and candidates have to attempt any five questions. Answer to each question should be 250 words**. Each question will carry five marks**. Total weightage of this section is **25 marks**.
Section–C It will consist of five questions at least two from each unit. Candidates have to attempt three questions at least one from each unit. Answer to each question should be of 3 pages or 500 words. **Each question will carry 10 marks**. Total weightage of this section is **30 marks.**

Course Objectives:

1. To aware students about different diversities that exist In India.
2. To acquaint students with division of society on caste and class basis and their relation with politics.
3. To provide basic social institutions like Family, Marriage and Kinship along their comparison in Northern and Southern regions.
4. To discuss various social issues like Regionalism and Communalism**.**

Unit —I

a) **Indian Society:** Features and Unity in Diversity.
b) **Caste:** Features, Functions, Changing pattern, Caste and Politics, Difference between caste and class.
c) **Social Issues:** Regionalism, Communalism, Terrorism.

Unit—II

a) **Marriage:** Meaning, Types, Functions, Rules and Changes.
b) **Family:** Meaning, Types, Functions and Changes.
c) **Kinship Systems in India:** North and South India.

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References for Semester III

1. Ahuja, Ram: *Social Problems*, Rawat Publishers, New Delhi, 1992.
2. Abraham, M. Francis: *Contemporary Sociology,* Oxford University, New Delhi, 2006.
3. Dhaliwal et al: *Fundamentals of Environmental Science,* Kalyani Publishing, New Delhi,1996.
4. Ghurye, G.S.: *Caste & Race in India,* Popular, Bombay, Punjabi Translations by N.S. Sodhi, Panjabi University, Patiala, 1962.
5. Gill, S.S. :*The Pathology of Corruption,* Harper Collin Publishers, New Delhi, 1998.
6. Hutton, J.H.: *Caste in India—Its Nature, Functions and Origin,* Oxford University Press, Delhi 1980.
7. Jayaraman, Raja: *Caste & Class, Dynamics of Inequality in Indian Society,* Hindustan Publishing Corporation, 1981.
8. Kapadia, K.M: *Marriage and Family in India,* Oxford University Press, Calcutta, 1996.
9. Kapila, S:*A Textbook of Sociology,* Part-I & II, New Academic House, Jalandhar, 1990-91.
10. Kapila S., *Fundamentals of Sociology,* Vol. II Panchkula, Kapila Publishers, 2008.
11. Kothari, Rajni (ed): *Caste in Indian Politics,* Orient Longman, Delhi, 1973.
12. Kuppuswamy, B.: *Social Change in India,* Vikas, Delhi, 1975.
13. Mandelbaum : David *G.: Society in India*, Popular Prakashan, Bomaby, 1972.
14. Mukerji, D.P.: *Diversities: Essays in Economics, Sociology and Social Problems*, Manak, New Delhi, 2002.
15. Maclver, R.M. & Page, Charles H.: *Society, An Introductory Analysis,* Macmillan, London, 1974.
16. Srinivas, M.N.: *Social Change in Modern India,* Orient Longman, Bombay, 1972.

Course Outcome (CO):

CO1. Students get knowledge about diversities that exist In India
CO2. Learn about the division of society on caste and class basis and their relation with politics.
CO3. Came to know about social institutions like Family, Marriage and Kinship along their comparison in Northern and Southern regions.
CO4. To Know about various social issues like Regionalism and Communalism

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–III
Statistics
Course Code: STA-231A
Advanced Probability-I

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

Instructions for the Paper Setters:
1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week and two periods per week for practical.

COURSE OBJECTIVES:
Students will study the moments of bivariate probability distributions
Students will learn about distributions to study the joint behavior of two random variables.
Students will learn to compute expectation, covariance and correlation coefficients.
It will enable the students to have good understanding of exploratory data analysis.

Unit–I
 Two dimensional random variables, their joint probability mass function and joint probability density function, marginal and conditional Probability Distributionsfunctions, Independent random variables.

Unit–II
Expected value of real valued function of two-dimensional random variables, variance of a linear   combination of random variables, Moments of Bivariate Probability distributions, Bivariate moment generating function.
Unit–III
 Conditional expectation and conditional variance, Covariance, correlation coefficient. Cauchy Schwartz Inequality and its applications
Unit–IV
 Bivariate normal distribution, marginal and conditional probability distributions associated with the bivariate normal distribution. Chebyshev's inequality and its applications.

Books Prescribed:
1. Meyer, P.L. Introductory Probability and Statistical Applications, Addison—Wesley, (1970).
2. Ross, S.A., First Course in Probability, Pearson Education, 2007.

Books Suggested for Supplementary Reading:

1. Biswal, P.C., Probability and Statistics, Prentice Hall of India, 2007.
2. Miller, I and Miller, M., Mathematical Statistics with Applications, Seventh Edition, Pearson Education, 2007.
3. Gupta, S.C. and Kapoor, V.K., Fundamentals of Mathematical Statistics, Sultan Chand and Company, 2007.

Course Outcomes: On completing the course, the students will be able to:
Study the moments of Bivariate probability distributions
learn about distributions to study the joint behavior of two random variables.
Learn to compute expectation, covariance and correlation coefficients
Learn the applications of Cauchy Schwartz Inequality and Chebyshev's inequality

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–III
Statistics
Course Code: STA-231B
Statistical inference–I

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

Instructions for the Paper Setters:
1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week and two periods per week for practical.

Course Objectives:
Students will be able to apply the general methods of constructing interval estimators (Confidence Intervals) for unknown population parameters
To enable the students to develop/ construct best/most powerful statistical tests to test hypothesis regarding unknown population parameters (Using Neyman-Pearson Lemma and Likelihood Ratio tests).
To help the students to construct good estimators based on unbiasedness, consistency, efficiency and sufficiency.

Unit–I
Point estimation, estimator and estimates, criteria for good estimators, unbiasedness, consistency, efficiency and sufficiency (only the definitions and examples).
Unit–II
Minimum variance unbiased estimator, Methods of estimation: moments and maximum likelihood method of estimation.
Unit–III
Interval estimation. Interval estimate of the mean of a normal distribution, Neyman and Pearson's theory of testing hypothesis, the concepts of statistical hypothesis, two types of errors, critical region, significance level.

Unit-IV
Power and power function, Most powerful test, The Neyman Pearson theorem (only the statement) and its applications for testing a simple hypothesis against a simple alternative.

Books Prescribed:

 1. Goon. A.M., Gupta. M.K. and Dasgupta B., Fundamentals of Statistics, Vol.I & II, World Press, 2005.
2. Gupta, S.C. and Kapoor, V.K., Fundamentals of Mathematical Statistics, Sultan Chand and Company, 2007.

Books Suggested for Supplementary Reading:
1. Hogg. R.V. and Mckean, J.W. and Craig. A.T., Introduction to Mathematical Statistics, Pearson Education, 2007.
2. Miller, I and Miller, M., Mathematical Statistics with Applications, Pearson Education, 2007.

Course Outcomes: On completing the course, the students will be able to:
Understand Different methods of finding point estimators for unknown population parameters, their advantages and disadvantages.

Learn Desirable properties of point estimators based on which estimators can be compared.

Apply the general methods of constructing interval estimators (Confidence Intervals) for unknown population parameters

Develop/ construct best/most powerful statistical tests to test hypothesis regarding unknown population parameters (Using Neyman-Pearson Lemma and Likelihood Ratio tests).

Learn to construct good estimators based on unbiasedness, consistency, efficiency and sufficiency.

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B.A. SEMESTER–III
Statistics
Course Code: STA-231P
Practical based on Paper: Statistical inference –I

Credit Hours (Per Week): 3	**Maximum Marks: 30**
Total Hours:45 hrs.	**Practical Marks: 22**
Time: 2 Hours	**Internal Assessment Practical: 08**

Instructions for Paper Setter and Students:

Students are required to prepare a practical note book with at least 30 exercises based upon the above list. At the end of semester, there is a practical examination jointly conducted by two examiners (one is internal and other one is external). External examiner is appointed by the university and the internal examiner is appointed by the principal of the concerned college. This practical examination will cover a written test followed by a viva-voce to test the practical knowledge of students about the contents. The candidates are allowed to use Non–Programmable calculators.

The distribution of marks is as under:
1. Practical Note book: 05
2. Viva – voce: 07
3. Exercises: 10

Course Objectives:

To make the students aware about the practical applications of estimation theory and hypothesis testing pertaining to all discussed methods.
To enable the studenst to draw inferences about the unknown population parameters based on random samples.
To help the students to solve exercises on method of estimators, types of error, critical region , significance level.

Teaching time for practical paper would be one hour per week.

List of practical exercises:
 1. Exercises on unbiased, consistent, efficient and sufficient estimators
2. Exercises on methods of estimation
3. Exercises on interval estimation
4. Exercises on two types of errors, critical region, significance level,
 5. Exercises on Most powerful test.

Course Outcomes: On completing the course, the students will be able to:
Practical applications of estimation theory and hypothesis testing pertaining to all discussed methods.
Drawing inference about the unknown population parameters based on random samples
Validating our estimation/ inference about the population using hypothesis testing.
Solve exercises on method of estimators, types of error, critical region , significance level.
Practice the question based on most powerful test.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–III
Theatre Studies
Course Code: BTHS-2316
History and Types of Theatre

Credit Hours (Per Week): 6
Total Hours:90 hrs.
Time: 3 Hours

Maximum Marks: 100
Theory Marks: 25
Practical Marks: 50
Internal Assessment: 25

(Course Objective)	(Course Outcomes)
• The main objective of this paper is to give the knowledge about western theatre. • The second objective of this paper is to give the knowledge about Indian Folk Theatre and the types of Indian Folk Theatre. • The third objective of this paper is to give the knowledge about Parsi Theatre. • The forth objective of this paper is to give the knowledge about History of Punjabi Drama and Modern Hindi literature	• Students will be able to know western theatre, its culture and the writings of great Shakespeare after the study of this paper. • After the completion of this paper students will be able to know different aspects and types of Indian Folk Theatre. • After the knowledge of Western and Indian Theatre students will be more confident during their act on stage. • On the completion of this paper students will have deep knowledge about Punjabi Drama.

Instruction for the Question Paper Setter:

Question paper will be maximum of 25 marks, to be attempted in 3 hrs. Question Paper setter will set eight questions (two questions from each unit). Each question will carry 05 marks.
Note: If the paper setter bifurcates any question into sub-parts, then the value of each part should not be below 2.5 marks.

Instruction for the student:

Question paper will be maximum of 25 marks, to be attempted in 3 hrs. There will be 4 units in question paper. Each unit will have 2 questions. Student has to attempt five questions, one from each unit. They can attempt fifth question from any unit. Answer should be within 500 words. Each question will carry 05 marks.

Unit I
1. Aristotle's Concept of three unities and Theory of Catharsis.
2. Greek Theatre: An overview.

Unit II
1. Elizabethan Theatre: An overview
2. Study of "Midsummer Night's Dreams" by Shakespeare.

Unit III
1. Parsi Theatre.
2. Indian Folk Theatre: Bhand, Naqal Swang.

Unit IV
1. History of Punjabi Drama (1965-1980)
2. Moden Indian Theatre (1900-1965)

Practical:

Play reading & speech- Diction based on "King Oedipus" by Sophocles "Dhamak Nagare Di"- Gursharn Singh.

Suggested and Prescribed Readings:
- O. G Brockett, History of Theatre Allyn and Bacon, 1999
- N.C Jain Indian Theatre, Vikas Publishing House, New Delhi 1992
- Gurdial Singh Phul, Punjabi Natak Sarup, Sidhant te Vikas, Publication Bureau, Pbi. University 1998
- Satish Kumar Verma Punjabi Natak Da Itihas, Punjabi Academy, Delhi, 2005
- Satish Kumar Verma Punjabi Natak aur Rangmanch ki Ek Sadi (N.S.D) 2009
- Aristotle Kavya Shastra (Punjabi Translation) Harbhajan Singh, (S. Chand and Company) Lohore book shop, Ludhiana.
- Balwant Gargi, Rangmanch (Punjabi) Navyug Publication Delhi, 1999
- Balwant Gargi, Lok Natak (Punjabi) Publication Bureau, Pbi. University Patiala 2016
- Dr. Kamal Naseem Odipus (Hindi) Sahitya Akademi, New Delhi,2000
- Dhamak Nagare di, Gursharan Singh

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B.A. SEMESTER–III
Course Code: ESL-221
Environmental Studies–I (Compulsory)

Credit hrs./wk.:2   **Max. Marks: 50**
Total Hours: 3   **Time: 3 Hours**

Instructions for Paper Setters: The question paper will consist of three sections. Candidate will be required to attempt all the sections. Each unit of the syllabus should be given equal weightage of marks. Paper to be set in English, Punjabi and Hindi.

Section–A: (16 Marks): It will consist of five short answer type questions. Candidates will be required to attempt four questions, each question carrying four marks. Answer to any of the questions should not exceed two pages.

Section–B: (24 Marks): It will consist of five questions. Candidates will be required to attempt four questions, each question carrying six marks. Answer to any of the questions should not exceed four pages.

Section–C: (10 Marks): It will consist of two questions. Candidate will be required to attempt one question (carrying ten marks) only. Answer to the question should not exceed 5 pages.

Course Objectives:

CO-1	The main goal of Environmental studies is to create the environmental awareness to create a safe, green and sustainable environment.
CO-2	To make students aware about the importance of ecosystem, types of ecosystem, energy flow in an ecosystem, ecological succession, food chain and food web.
CO-3	To make students aware of water conservation, global warming, consumerism and waste products. and, also about the environmental protection acts.
CO-4	Role of National Service Scheme (NSS). Health and hygiene.

Unit-I

The Multidisciplinary Nature of Environmental Studies: Definition, components, scope and importance of environment/environmental studies, Need for public awareness.

Natural Resources: Definition, types, use, overexploitation, benefits, case studies (if any) and associated problems of following natural resources: Forest Resources, Water Resources, Mineral Resources, Food Resources, Energy Resources, Land Recourses *etc.*

Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles.

Unit-II

Ecosystem:

General introduction, types (Forest ecosystem, Grassland ecosystem, Desert ecosystem, Aquatic ecosystems *viz.* ponds, streams, lakes, rivers, oceans, estuaries),Structure and functions of an ecosystem, Producers, consumers and decomposers, Energy flow in the ecosystem, Ecological succession, Food chains, food webs and ecological pyramids.

Unit-III

Social Issues and Environment: Sustainable development,Urban problems related to energy, Water conservation, rain water harvesting.Resettlement and rehabilitation of people; its problems and concerns. Case studies.Environmental ethics: Issues and possible solutions.Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents andholocause. Case studies.Wasteland reclamation.

Environmental Protection Act: Air (prevention and Control of Pollution) Act.Water (prevention and Control of Pollution) Act.Wildlife Protection Act.Forest Conservation Act. Issues involved in enforcement of environmental legislation. Public awareness.

Unit-IV

National Service Scheme

Introduction and Basic Concepts of NSS: History, philosophy, aims & objectives ofNSS; Emblem, flag, motto, song, badge *etc.;* Organizational structure, roles and responsibilities of various NSS functionaries.

Health, Hygiene & Sanitation: Definition, needs and scope of health education; Food and Nutrition; Safe drinking water, water borne diseases and sanitation (Swachh Bharat Abhiyan); National Health Programme; Reproductive health.

Suggested Books:
1. Agarwal, K. C. 2001. Environmental Biology, Nidhi Publications Ltd. Bikaner.
2. Bharucha, E. 2013 . Textbook of Environmental Studies, Universities Press, Hyderabad.
3. Basu, M., Xavier, S. 2016. Fundamentals of Environmental Studies, Cambridge University Press, India
3. Down to Earth, Centre for Science and Environment, New Delhi.
4. Jadhav, H. and Bhosale, V. M. 1995. Environmental Protection and Laws. Himalaya Pub.
5. Joseph, K. and Nagendran, R. 2004. Essentials of Environmental Studies, Pearson Education (Singapore) Pte. Ltd., Delhi.
6. Kaushik, A. and Kaushik, C. P. 2004. Perspective in Environmental Studies, New Age
   International (P) Ltd, New Delhi.
7. Mahapatra, R., Jeevan, S.S. and Das, S. 2017. Environment Reader for Universities, Centre for Science and Environment, New Delhi.
8. Miller, T. G. Jr. 2000. Environmental Science, Wadsworth Publishing Co.

9. Raven, P.H., Hassenzahl, D.M. and Berg, L.R. 2012. Environment. 8th edition. John Wiley & Sons.
10. Sharma, P. D. 2005. Ecology and Environment, Rastogi Publications, Meerut.
11. Booklet on Safe Driving. Sukhmani Society (Suvidha Centre), District Court Complex,
    Amritsar
12. Kanta, S., 2012. Essentials of Environmental Studies, ABS Publications, Jalandhar.
13. Saroj A., Kaur R., Walia H., Kaur T, 2021. Environmental Studies - A Holistic Approach, KLS Publishers.

Suggested Websites:
1. https://nss.gov.in
2. https://moef.gov.in
3. http://punenvis.nic.in
4. https://www.unep.org
5.

Course Outcomes:

CO-1	To learn about the sustainable environment.
CO-2	To gain the knowledge ecosystem and its functioning.
CO-3	To know about the water conservation programs like rain water harvesting and water shedding and to gain knowledge of environmental (air, water and pollution) protections acts.
CO-4	To know about the role and importance of NSS– a volunteer organization, in making up a better environment and to maintain better health and hygiene.

B.A. SEMESTER – IV
Course Code: BENC-2405
English (Compulsory)

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setter and Distribution of Marks:
The question paper will consist of four sections and distribution of marks will be as under:
Section A: 08 Marks
Section B: 14 Marks
Section C: 10 Marks
Section D: 05 Marks

Section–A

1. **Twelve (12)** Questions on usage of grammar related to the prescribed units of *Murphy's English Grammar* will be set for the students to attempt **any Eight(8)**

(8X1= 8 Marks)

Section–B

2. **TWO** questions (with sub parts) based on strategies & skill development exercises in Unit-III and Unit-IV of the prescribed text book *Making Connections* will be set. The number of items in each question will be 50% more than what a student will be expected to attempt so that the question provides internal choice.   (7X2=14 Marks)

Section–C

3. **One question (with internal choice)** requiring students to explain a stanza with reference to context will be set. The stanzas for explanation will be taken from the poems prescribed in the syllabus.   (1X4 =4 Marks)

4.
5. **THREE** questions on central idea, theme, tone and style, etc. of three poems from the prescribed textbook, *Moments in Time* will be set. The students are required to attempt any TWO of these questions.

(3X2 = 6 Marks)

Section-D

6. **ONE** question based on 'Beyond the Reading' section at the end of each chapter of the prescribed textbook, *Making Connections* will be set.

(1X5 = 5 Marks)

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Course Objectives:
1. To read, interpret and write about a diverse range of texts in English.
2. To understand the prescribed texts analytically and critically.
3. To understand those texts on the basis of careful reading.
4. To participate in the critical and cultural discourses of English.
5. To teach language and literature effectively with the support of ICT tools.
6. To become competent, committed, conscious, creative, and compassionate human beings.

Course Contents:
   I.   *Making Connections*: Unit –III & Unit- IV
   II. *Moments in Time*: poems at serial No.7-12
   III. Unit 98-112 from *Murphy's English Grammar*.

Text books Prescribed
1. *Making Connections* by Kenneth J. Pakenham 3rd Edn. CUP
2. *Moments in Time:* An Anthology of Poems*,* G.N.D.U. Amritsar
3 *Murphy's English Grammar 4th Edition (*by Raymond Murphy*)* CUP

Course Outcomes:
The completion of this course enables students to:
1. develop an understanding of the poems taught and be able to answer questions regarding situations, themes and characters depicted in them.
2. comprehend the basics of grammatical rules governing adjectives, adverbs, conjunctions and prepositions.
3. enhance their reading and analysing power of texts through guided reading.
4. enrich their vocabulary and use newly learnt words in both spoken and written language.
5. develop skills to write an essay on a given topic.

B.A. SEMESTER-IV
Course Code: BPBI - 2401
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 04	ਕੁੱਲ ਅੰਕ: 50
ਕੁੱਲ ਘੰਟੇ: 60	ਥਿਊਰੀ ਅੰਕ: 37
ਸਮਾਂ: 3 ਘੰਟੇ	ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
ਅੰਕ-ਵੰਡ • ਵਿਦਿਆਰਥੀ ਦੀ ਸਾਹਿਤਕ ਸਮਝ ਨੂੰ ਪਕੇਰਾ ਕਰਨਾ। • ਵਿਦਿਆਰਥੀ ਦੀਆਂ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਨੂੰ ਉਭਾਰਨਾ। • ਵਿਦਿਆਰਥੀ ਦੇ ਭਾਸ਼ਾਈ ਸਮਝ ਨੂੰ ਵਿਕਸਤ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀ ਦੀ ਵਾਰਤਕ ਵਿਚ ਦਿਲਚਸਪੀ ਵਧੇਗੀ। • ਵਿਦਿਆਰਥੀ ਦੀ ਵਾਰਤਕ ਵਿਧਾ ਸੰਬੰਧੀ ਸਮਝ ਵਿਕਸਤ ਹੋਵੇਗੀ। • ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਸ਼ੁੱਧ ਪੰਜਾਬੀ ਲਿਖਣ ਦੀ ਕਲਾ ਵਿਕਸਤ ਹੋਵੇਗੀ। • ਵਿਦਿਆਰਥੀ ਲੇਖ ਰਚਨਾ ਤੇ ਇਸ਼ਤਿਹਾਰ ਲਿਖਣ ਦੀ ਮੁਹਾਰਤ ਹਾਸਲ ਕਰੇਗਾ। • ਵਿਦਿਆਰਥੀ ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਚਾਰ ਭਾਗਾਂ ਵਿਚ 02-02 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿਚੋਂ 01-01 ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ (08) ਅੰਕ ਹੋਣਗੇ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਪੰਜਵੇਂ ਭਾਗ ਵਿਚ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ 01-01 ਅੰਕ ਦੇ ਛੇ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ 05 ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਵਾਰਤਕ
ਡਾ. ਗੁਰਬਚਨ ਸਿੰਘ ਤਾਲਿਬ (ਸੰਪਾ.), ਪੰਜਾਬੀ ਸਾਹਿਤ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ।
(ਲੇਖ 8 ਤੋਂ 14 ਲੇਖ ਵਿਚੋਂ ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਕਲਾ ਪੱਖ)

ਭਾਗ-ਦੂਜਾ

ਫ਼ਾਸਲੇ
ਜਤਿੰਦਰ ਬਰਾੜ, ਨਾਨਕ ਸਿੰਘ ਪੁਸਤਕਮਾਲਾ, ਅੰਮ੍ਰਿਤਸਰ।
(ਵਿਸ਼ਾ ਵਸਤੂ/ਸਾਰ/ਨਾਟਕ ਕਲਾ)

ਭਾਗ-ਤੀਜਾ
(ੳ) ਲੇਖ ਰਚਨਾ (ਸਮਾਜਕ, ਸਭਿਆਚਾਰਕ, ਇਤਿਹਾਸਿਕ ਅਤੇ ਵਿਦਿਅਕ ਸਰੋਕਾਰਾਂ ਸੰਬੰਧੀ)
(ਅ) ਅਖ਼ਬਾਰ ਵਿਚ ਇਸ਼ਤਿਹਾਰ

ਭਾਗ-ਚੌਥਾ

ਵਿਆਕਰਨ:
(ੳ) ਸ਼ਬਦ-ਜੋੜਾਂ ਦੇ ਨਿਯਮ
(ਅ) ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ

B.A. SEMESTER-IV
Course Code: BPBI-2402
ਮੁਢਲੀ ਪੰਜਾਬੀ
(In Lieu of Compulsory Punjabi)

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫ਼ਤਾ: 04	ਕੁੱਲ ਅੰਕ: 50
ਕੁੱਲ ਘੰਟੇ: 60	ਥਿਊਰੀ ਅੰਕ: 37
ਸਮਾਂ: 3 ਘੰਟੇ	ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਤੇ ਵਾਕ ਬਣਤਰ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ। • ਵਿਦਿਆਰਥੀ ਦੇ ਭਾਸ਼ਾਈ ਗਿਆਨ ਨੂੰ ਵਧਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਲਿਖਤੀ ਸੰਚਾਰ ਦੇ ਹੁਨਰ ਨੂੰ ਹੋਰ ਪਰਪੱਕ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਵਿਆਕਰਨਕ ਇਕਾਈਆਂ ਦੀ ਪਛਾਣ ਤੇ ਵਰਤੋਂ ਰਾਹੀਂ ਭਾਸ਼ਾਈ ਗਿਆਨ ਵਿਕਸਿਤ ਹੋਵੇਗਾ। • ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੈਰਾ ਰਚਨਾ ਅਤੇ ਸੰਖੇਪ ਰਚਨਾ ਕਰਨ ਦੀ ਮੁਹਾਰਤ ਪੈਦਾ ਹੋਵੇਗੀ। • ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਚਿੱਠੀ ਪੱਤਰ ਦੀ ਕਲਾ ਦਾ ਵਿਕਾਸ ਹੋਵੇਗਾ। • ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਗਿਆਨ ਤੇ ਹੁਨਰ ਹੋਰ ਪਰਪੱਕ ਹੋਵੇਗਾ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਭਾਗ-ਪਹਿਲਾ ਵਿਚੋਂ ਚਾਰ ਵਰਣਨਾਤਮਕ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਚਾਰ-ਚਾਰ ਅੰਕਾਂ ਦੇ ਤਿੰਨ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹਨ। ਭਾਗ-ਦੂਜਾ ਵਿਚੋਂ ਵਿਭਿੰਨ ਸਮਾਜਕ/ਸਭਿਆਚਾਰਕ ਪ੍ਰਸਥਿਤੀਆਂ ਦੇ ਅੰਤਰਗਤ ਪੰਜ ਵਾਕ ਬਣਾਉਣ ਲਈ ਕਿਹਾ ਜਾਵੇਗਾ। ਹਰੇਕ ਵਾਕ ਦੇ ਦੋ ਅੰਕ ਹੋਣਗੇ। ਭਾਗ ਤੀਜਾ ਵਿਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਤਿੰਨ ਵਿਸ਼ੇ ਦਿੱਤੇ ਜਾਣਗੇ, ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਕਿਸੇ ਇਕ ਵਿਸ਼ੇ ਨਾਲ ਸੰਬੰਧਿਤ ਪੈਰ੍ਹਾ ਰਚਨਾ ਕਰਨੀ ਹੋਵੇਗੀ। ਜਿਸ ਦੇ ਬਰਾਬਰ 8 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ ਚੌਥਾ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਸ ਵਿਚੋਂ ਵਿਦਿਆਰਥੀ ਨੇ ਇਕ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨਾ ਹੋਵੇਗਾ। ਜਿਸ ਦੇ ਬਰਾਬਰ 7 ਅੰਕ ਹੋਣਗੇ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਪੰਜਾਬੀ ਵਿਆਕਰਨਕ ਇਕਾਈਆਂ ਦੀ ਪਛਾਣ ਅਤੇ ਵਰਤੋਂ:
ਮੁਢਲੀ ਜਾਣਕਾਰੀ (ਭਾਵੰਸ਼, ਸ਼ਬਦ, ਵਾਕੰਸ਼, ਉਪਵਾਕ, ਵਾਕ)

ਭਾਗ-ਦੂਜਾ

ਪੰਜਾਬੀ ਵਾਕਾਂ ਦੀ ਵਰਤੋਂ:
ਵਿਭਿੰਨ ਸਮਾਜਕ/ਸਭਿਆਚਾਰਕ ਪ੍ਰਸਥਿਤੀਆਂ ਦੇ ਅੰਤਰਗਤ – ਘਰ, ਬਾਜ਼ਾਰ, ਮੇਲੇ, ਸਿਨਮੇ, ਵਿਆਹ, ਧਾਰਮਿਕ ਸਥਾਨਾਂ ਵਿਚ ਅਤੇ ਦੋਸਤਾਂ ਆਦਿ ਨਾਲ।

ਭਾਗ-ਤੀਜਾ

ਪ੍ਰਕਾਰਜੀ ਪੰਜਾਬੀ-I: ਪੈਰ੍ਹਾ ਰਚਨਾ

ਭਾਗ-ਚੌਥਾ

ਪ੍ਰਕਾਰਜੀ ਪੰਜਾਬੀ-II:
    (ੳ) ਚਿੱਠੀ ਪੱਤਰ
    (ਅ) ਸੰਖੇਪ ਰਚਨਾ

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Course Code: BPHC-2404
Punjab History & Culture
(AD.1606-1849)
(Special Paper in lieu of Punjabi compulsory
for those students who are not domicile of Punjab)

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setters:

The question paper consists of five units: I, II, III, IV and V. Units I, II, III and IV will have two questions each. Each question carries 8 marks. The students are to attempt one question from each unit approximately in 800 words. Unit-V consists of 7 short answer type questions to be set from the entire syllabus. Students are to attempt any 5 questions in about 20 words each. Each question carries 1 mark.

Note: The examiner is to set the question paper in two languages: English & Hindi.

Course Objectives: The main objective of this course is to introduce the students who are not domicile of the Punjab with the history and culture of the Punjab during 1606-1849 A.D. It aims to provide information regarding the transformation of Sikhism under Guru Hargobind Sahib, martyrdom of Guru Tegh Bahadur, circumstances leading to the creation ofKhalsaPanth, Rise of Banda Bahadur and the Punjab under the Sikh Misls. It also intends to provide information regarding the establishment of the Sikh rule by Ranjit Singh and his administrative system in the Punjab.

Unit-I
Transformation of Sikhism under Guru Hargobind.
Martyrdom of Guru Teg Bahadu

Unit-II

Creation of the Khalsa .
The Khalsa and its impact on the Punjab.

Unit-III
Rise of Banda Bahadur and his achievements.
Rise of Misls.

Unit-IV
Ranjit Singh's rise to power; Civil, Military and Land Revenue Administration.
Art,Architecture, Folk Music, Fair and Festivals in the Punjab during the   medieval period.

Suggested Readings:-

P.N. Chopra, B.N. Puri, & M.N Das, A Social, Cultural & Economic History of   India-Vol. II., Macmillan India, New Delhi, 1974.

J.S Grewal, The Sikhs of the Punjab, Cambridge University Press, New   Delhi, 1994.

FaujaSingh,A History of the Sikhs-Vol. I & II, Punjabi University, Patiala, 1972.

Kushwant Singh, A History of the Sikhs-Vol. I (1469-1839), Oxford   University Press, New Delhi, 2011.

Kirpal Singh, History and Culture of the Punjab-Part II (Medieval Period), Publication Bureau, Punjabi University, Patiala, 1990.

Course Outcomes:
After completion of the course, the students will be able to learn:

CO-1 Major changes brought in the Sikhism after adoption of the New Policy by GuruHargobind Sahib.

CO-2   Martyrdom of Guru Tegh Bahadur and its impact.

CO-3   Changes in the Sikhism after creation of the Khalsa Panth.

CO-4   The legacy and impact of Banda Bahadur and Maharaja Ranjit Singh's rule in thePunjab.

CO-5   Cultural growth in the Punjab during the period under study.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Computer Science
Course Code: CSC-241
Data Structures & Programming Language Using C++
(Theory)

Time: 3 Hours   **Total Marks: 100**
Credit Hours (per week):4   **Theory Marks: 56**
Total Hours:60   **Theory Internal Assessment M: 19**
                                                    Practical Marks: 19
                                Practical Internal Assessment M: 06

Note: 1. Medium of Examination is English Language.
2. The question paper covering the entire course shall be divided into three sections.

Instructions for Paper Setters:
Section A: It will have question No.1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 6 questions. Each question will carry two marks with answer to each question up to 10 lines in length. The total weightage being **12 marks**.
Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks. The total weightage of this section shall be **22 marks.**
Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 6, 7, 8 and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks. The total weightage of this section shall be **22 marks**.

Course Objectives:

At the end of the course, the students will be able:

1.	To provide the knowledge of basic data structures and their implementations.
2.	To understand importance of data structures in contest of writing efficient programs.
3.	To implement stack, queue, linked list, tree and graph data structures.

UNIT I
Data Structure: Introduction to elementary Data Organization, Common Operation on Data
Structures, Algorithm Complexity, Big O Notation, Time-Space Trade-off between Algorithm.
Arrays: Array Defined, Representing Arrays in memory, various operations on Linear arrays, multi-Dimensional arrays.

Object Oriented Programming: objects & classes, constructor & destructor, operator overloading, overloading unary operators, overloading binary operators, data conversion,

Pitfalls of operator overloading and conversion, Inheritance, Derived class and base, Derived

class constructor. Overloading member functions, Inheritance in the English distance class, class hierarchies, Public & Private inheritance, Level of inheritance, Polymorphism, problems with single inheritance, multiple inheritance.

UNIT II

Linked Lists: Types of Linked Lists, representing linked list in memory, advantages of using

linked lists over arrays, Various operations of linked lists.

Stacks: Description of STACK structure, Implementation of stack, using arrays and linked lists, application of stack-converting Arithmetic expression from infix notational to polish and their subsequent evaluation, quicksort technique to sort an array.

Queues: Description of queue structure, Implementation of queue using arrays and linked lists, description or priorities of queues, dequeues.

Sorting and Searching: Sorting Algorithms, bubble sort, selection sort, insertion sort, quick

sort, merge sort, heap sort, searching Algorithms, linear search and binary search.

References:

1. Seymour Lischutz, *Theory and Problems of Data Structures.*
2. *Schaum's Outline Serie*s, McGraw Hill Company.
3. Tanenbaum, *Data Structure.*

Course Outcome:

CO-1.	Student will be able to learn the basic types of data structures, implementation and application.
CO-2	Students will be able to use linear and non-linear data structure like stacks, queues, linked list etc.
CO-3	Implement various searching and sorting algorithms
CO-4	Student will be able to handle operations like searching, insertion, deletion, traversing mechanism etc. on various data structures.
CO-5	Develop programming skills which require solving given problems.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Computer Science
(Practical)

Credit Hours (per week):2　　　　　　　　　　　　　**Practical Marks: 19**
Time: 3 hours　　　　　　　　　**Practical Internal Assessment M: 06**

Practical based on Data Structures & Programming Language Using C++

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Economics
Course Code: BECO- 2420
International Economics and Public Finance

Credit hours /week: 4   **Total Marks: 100**
Total hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Note: Instructions for the Paper–Setters/Examiners:

First question consisting of 8 short answer questions (based upon the entire syllabus), out of which 5 questions are to be attempted (each carrying 3 marks).
Students will attempt 1 out of 2 questions from each of four units (15 marks each).
.

Course Objective: This course equips the students with knowledge of the basis of international trade and how is it regulated. The course teaches students about the type of currency exchange rates and their determination . The course also provides an understanding of various concepts related to public finance i.e. taxation, public revenue , public debt and public expenditure.

UNIT–I
International Trade: Internal and External Trade. Classical and Heckscher Ohlin Theories, Gains from Trade, Terms of Trade, (gross, net and income terms of trade). Trade and economic development.
Commercial Policy: Free trade vs. protection, rationale of a protectionist policy in less developed area. GATT & WTO (Introductory).

UNIT–II
Balance of Payments: Meaning and components of balance of payments, Methods for correcting adverse balance of payments, devaluation and direct control.
Rate of Exchange: Meaning and determination, Fixed and flexible exchange rates.

UNIT–III
Public Finance: Nature, scope importance.
Public Expenditure: Meaning, principles, importance, effect of public expenditure on production and distribution.

UNIT–IV
Taxes: Meaning, classification, features of a good taxation system, canons of taxation, incidence   and impact of taxation.
Public Debt: Meaning, objectives, importance, its burden.

Recommended Texts

1. Sodersten, B.O.(1980), International Economics, Macmillan, London.
2. Salvatore, B.: International Economics (2020), Macmillan Publishing Company, New York.
3. Mithani D.M.(2019), Money, Banking , International trade and Public Finance, Himalya Publishing House, New Delhi.
4. Aggarwal, M.R(2001),International Institutions and Development in Developing Countries, Deep & Deep Publications, New Delhi.
5. Musgrave, R.A.(2017),Theory of Public Finance, Mcgraw Hill Publication.
6. Acharya Rajat(2021), International Economics-An Introduction to Theory and Policy, Oxford University Press.
7. Bhatia H.L.(2019), Public Finance, Vikas Publishing House, New Delhi.
8. Rana K.C. and Verma K.N.(2019), International Economics, Vishal Publishing Company, New Delhi.
9. Herber, B.P.(1979), Modern Public Finance, Irwin Richard Inc.U.S.

Course Outcomes:

Sr. No.	On completing the course, the students will be able to:
CO- 1	Gain knowledge about theories of International Trade
CO-2	Understand the concept and structure of balance of payments; causes of disequilibrium and measures through which disequilibrium in balance of payments can be corrected
CO-3	Understand how the exchange rate is determined
CO-4	Understand the basic aspects of public finance like taxes, public revenue, public expenditure, public debt etc.
CO-5	learn about commercial policy

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
English (Elective)
Course Code: BEEN-2406

Credit hours /week: 6   **Total Marks: 100**
Total hours: 90   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter and Distribution of Marks:
The question paper will consist of three sections and distribution of marks will be as under:
Section A: 20 Marks
Section B: 35 Marks
Section C: 20 Marks

Section–A

I. SIX questions, each requiring a short answer, from the prescribed textbook *New Directions* will be set. All questions will be compulsory.

(6X2=12 Marks)

II TWO Questions with internal choice from the prescribed Sections of *A Background to the Study of English Literature* will be set.

(2X4=8 Marks)

Section–B

III. FOUR questions, from the prescribed essays will be set. The students will be required to answer any THREE of these in about 150-200 words.

(3X5=15 Marks)

IV. SEVEN questions (with sub parts, if necessary) based on the exercises in the text book *New Directions* will be set in the question paper. The students will be required to answer any FOUR of these questions.

(4X5=20 Marks)

Section–C

V. An essay type question with internal choice will be set from *A Background to the Study of English Literature* by B. Prasad.

(1X10=10 Marks)

VI. An essay type question, with internal choice, requiring answer on argument, rhetorical devices, text development strategies, tone, and style, etc. of one of the prescribed texts will be set.

(1X10=10 Marks)

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Course Objectives:
1. To read, interpret and write about diverse range of texts in English
2. To understand those texts analytically and critically
3. To understand those texts on the basis of careful reading
4. To participate in the critical and cultural discourses of English
5. To teach language and literature effectively with the support of ICT tools
6. To become competent, committed, conscious, creative, and compassionate men and women human beings.
7. To train students to discern ethical principles and personal values in the light of academic experience

Course Contents:
1. *Modern Prose*–Essays at Serial No. 3,4,5,7,11,12
2. *New Directions* (Part 4-5) (From Core Reading only)
3. *A Background to the Study of English Literature* by B. Prasad (Section-III chapter-I &IV)

Prescribed Books:
1. *Modern Prose*, G.N.D.U. Amritsar
2. *New Directions 2nd Edition (Cambridge University Press)*
3. *A Background to the Study of English Literature* by B. Prasad

Course Outcomes:
The Teaching of this course enables the students to
1. Acquire an understanding of various international issues in an I.T. savvy world.
2. Have a glimpse of different cultures of the world by reading stories from Commonwealth countries.
3. Sensitize themselves on current issues faced by humanity globally.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Course Code: BEHI-2407
Elective Hindi

Credit hours /week: 6   Total Marks: 100
Total hours: 90   Theory: 75 Marks
Time: 3 Hours   Internal Assessment: 25 Marks

कोर्स का प्रयोजन/उद्देश्य (Course Objective)	कोर्स का फलागम/परिणाम (Course Outcomes)
• इस कोर्स का मुख्य उद्देश्य विद्यार्थी को हिन्दी साहित्य के मध्यकाल के भक्ति युग की परिस्थितियों तथा कवियों व उनके कवि–कर्म की जानकारी देना है। • भक्तिकाल की विविध काव्य–धाराओं यथा संत, सूफी, राम तथा कृष्ण काव्य धारा की विशेषताओं व रचनाओं से परिचित करवाना है। • साथ ही साथ काव्य–शास्त्र के अन्तर्गत अलंकारों के महत्व व प्रयोग का ज्ञान देना भी इस कोर्स का प्रयोजन है।	• इस कोर्स के सम्पन्न होने पर विद्यार्थी को भक्तिकाल के विभिन्न कवियों जैसे कबीर, गुरू नानक देव जी, सूरदास, तुलसीदास, बिहारी, जायसी, गुरू तेग बहादुर जी के जीवन व दर्शन का ज्ञान प्राप्त होता है। • भक्तिकाल अर्थात् संवत् 1375 से 1700 तक के साहित्य, समाज, राजनीति, धर्म व आर्थिक स्थिति सम्बन्धी जानकारी प्राप्त हो जाती है। • कोर्स की समाप्ति तक विद्यार्थी कार्यलयी टिप्पणियों का ज्ञान प्राप्त कर लेता है तथा काव्य–रचना व सृजन में अलंकारों के प्रयोग की समझ प्राप्त कर लेता है।

अंक विभाजन तथा प्रश्न.पत्र निर्माता के लिए आवश्यक दिशा.निर्देश :.
प्रश्न पत्र निर्माता द्वारा निर्धारित पाठ्यक्रम के अनुसार प्रत्येक खण्ड में से दो प्रश्न पूछे जाएंगे। कुल आठ प्रश्न पूछे जाएंगे। प्रत्येक प्रश्न के 15 अंक होगे।

नोटः पारिभाषिक शब्दावली वाले प्रश्न में एक–एक अंक के कुल 15 शब्द दिए जाएंगे।

परीक्षार्थी के लिए आवश्यक दिशा निर्देश :–
परीक्षार्थी प्रत्येक खण्ड में से अनिवार्यतः एक प्रश्न का उतर देते हुए कुल पांच प्रश्नों का उतर देगा । पाँचवां प्रश्न किसी भी खण्ड में से किया जा सकता है। प्रत्येक प्रश्न के 15 अंक होगे। प्रश्नोत्तर पाँच पृष्ठों तक सीमित हो।

निर्धारित पाठ्यक्रम :
खण्ड – क
सप्रसंग व्याख्या के लिए निर्धारित कृति :
काव्य गरिमा :   सम्पादक–डॉ० हरमहेन्द्र सिंह बेदी
प्रकाशक : गुरु नानक देव विश्वविद्यालय, अमृतसर।
निर्धारित कवि : कबीर, गुरु नानक देव जी, सूरदास, तुलसीदास (कवितावली खण्ड), जायसी बिहारी, गुरु तेग बहादुर जी

B.A. (12+3 System of Education) (Batch 2022-25)

<div align="center">खण्ड – ख</div>

काव्य गरिमा में से निर्धारित कवियों का जीवन परिचय एवं कविताओं से संबंधित प्रश्न

<div align="center">खण्ड – ग</div>

हिन्दी साहित्य का इतिहास,
प्रकाशक : गुरु नानक देव विश्वविद्यालय, अमृतसर।
निर्धारित विषय :
भक्तिकाल : परिस्थितियां, प्रवृत्तियाँ, वर्गीकरण

<div align="center">खण्ड – घ</div>

अलंकार : अनुप्रास, यमक, श्लेष, उपमा, रूपक, संदेह, भ्रांतिमान, वीप्सा : लक्षण तथा उदाहरण

कार्यालयी टिप्पणियाँ

हिन्दी से अंग्रेजी

प्रस्ताव के अनुसार कार्यवाही करें	Action may be taken as proposed
यथानुरूप सहमत	Agree as suggested
यथासंस्तुत स्वीकार	Accepted as recommended
आवेदन पत्र निरस्त किया जाये	Application may be rejected
अग्रिम धन स्वीकृत किया जाये	Advance may be sanctioned
निम्नलिखित आपत्तियों सहित बिल को वापस किया जाये	Bill may be returned with the following objections
निर्णय वापस लें	Call back decision
कोटेशन/निवेदित भाव मंगायें	Call for quotations
सबको दिखाकर फाइल करें	Circulate and file
शुद्धिपत्र पेश करें	Corrigendum may be put up
स्थिति स्पष्ट करें	Clarify position
मामले को प्रस्तुत करने में देर के लिए खेद हैं	Delay in submitting the case is regretted
विसंगति को ठीक किया जाए	Discrepancy may be reconciled
अनुमान विचारार्थ रखे जाएं	Estimate may be put for consideration
निम्नलिखित को छूट दी जाए	Exemption may be given to the following
स्थिति तुरन्त स्पष्ट करें	Explain the position immediately
मामले पर विचार हो रहा है।	Matter is under consideration
आवश्यक कार्यवाही हेतु प्रस्तुत किया जाए	May be recommended for necessary action
टिप्पणी की आवश्यकता नहीं	Need no comments
औपचारिक मंजूरी प्राप्त करें	Obtain formal sanction
कृपया जारी करें	Please issue
सारांश प्रस्तुत करें	Put up summary
सुझाव के अनुसार प्रस्तुत करें	Put up as suggested
कृपया इस मामले को पिछले कागज़ों के साथ प्रस्तुत करें	Please put up the case with previous papers
कृपया तुरन्त अनुस्मारक भेजें	Please send a reminder immediately
कृपया सभी को दिखाकर फाइल करें	Please circulate and file
प्रतिवेदन पुन : रखा जाए	Report may be put again
सूचनार्थ प्रस्तुत	Submitted for information
टिप्पणी भेजें	Send comments
इसे शीघ्र निपटा लें/इसे अति आवश्यक समझें	This may be treated as urgent

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पदनाम :
अंग्रेज़ी से हिन्दी

English	हिन्दी
President	राष्ट्रपति
Vice President	उपराष्ट्रपति
Prime Minister	प्रधान मंत्री
Chief Minister	मुख्य मंत्री
Deputy Minister	उप मंत्री
Secretary	सचिव
Joint Secretary	संयुक्त सचिव
Assistant	सहायक
Personal Assistant	निजी सहायक
Advisor	सलाहकार
Additional Secretary	अतिरिक्त सचिव
Typist	टंकक
Director	निदेशक
Deputy Director	उपनिदेशक
Administrative Officer	प्रशासनिक अधिकारी
Education Officer	शिक्षा अधिकारी
Railway Minister	रेलमंत्री
General Manager	महाप्रबन्धक
Office Superintendent	कार्यालय अधीक्षक
Chief Engineer	मुख्य अभियन्ता
Accountant	लेखाकार
Auditor	लेखा परीक्षक
Accounts Officer	लेखा अधिकारी
Post Master	डाकपाल
Registrar	कुल सचिव
Presiding Officer	अधिष्ठाता
Translator	अनुवादक
Professor	आचार्य
Deputy Commissioner	उपायुक्त
Vice Chancellor	कुलपति

B.A. SEMESTER–IV
Course Code: BPBI-2403
ਚੋਣਵੀਂ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 06   ਕੁੱਲ ਅੰਕ: 100
ਕੁੱਲ ਘੰਟੇ: 90   ਥਿਊਰੀ ਅੰਕ: 75
ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 25

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀ ਨੂੰ ਸਾਹਿਤਕ ਰੂਪਾਂ ਦੇ ਇਤਿਹਾਸਕ ਵਿਕਾਸ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।	• ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੀ ਅਮੀਰ ਪਰੰਪਰਾ ਤੋਂ ਪ੍ਰੇਰਨਾ ਹਾਸਲ ਕਰਨਗੇ।
• ਵਿਦਿਆਰਥੀ ਨੂੰ ਸਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਦੇ ਅਹਿਮ ਪੱਖਾਂ ਦੀ ਪਛਾਣ ਕਰਾਉਣਾ।	• ਵਿਦਿਆਰਥੀ ਸਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਦੇ ਮਹੱਤਵ ਨੂੰ ਪਛਾਣਨਗੇ।
• ਵਿਦਿਆਰਥੀ ਵਿਚ ਸ਼ਬਦ ਜੋੜਾਂ ਦੀ ਬੁਨਿਆਦੀ ਸਮਝ ਪੈਦਾ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਸ਼ਬਦ-ਜੋੜਾਂ ਦੇ ਸ਼ੁੱਧ ਰੂਪ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ।
• ਵਿਦਿਆਰਥੀ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ ਦੇ ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦੇਣਾ।	• ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਤੇ ਲਿਪੀ ਦੇ ਇਤਿਹਾਸਕ ਵਿਕਾਸ ਕ੍ਰਮ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਨਗੇ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹਨ। ਪ੍ਰੀਖਿਅਕ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ-ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75 + 25 = 100 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ

ਭਾਗ-ਪਹਿਲਾ

ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1701 ਤੋਂ 1900 ਤਕ)

ਡਾ. ਰਤਨ ਸਿੰਘ ਜੱਗੀ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
(ੳ) ਸਾਹਿਤਕ ਰੂਪਾਂ ਦਾ ਇਤਿਹਾਸ: ਨਿਕਾਸ ਤੇ ਵਿਕਾਸ
(ਅ) ਸਾਹਿਤਕ ਰੂਪਾਂ ਦੀਆਂ ਧਾਰਾਵਾਂ ਤੇ ਪ੍ਰਵਿਰਤੀਆਂ

ਭਾਗ-ਦੂਜਾ

ਸਭਿਆਚਾਰ ਅਤੇ ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ

ਡਾ. ਰਣਜੀਤ ਸਿੰਘ ਬਾਜਵਾ ਅਤੇ ਪ੍ਰਿੰ. ਵੀਰ ਸਿੰਘ ਰੰਧਾਵਾ (ਸੰਪਾ.), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
(ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ/ਵਾਰਤਕ ਸ਼ੈਲੀ)

ਭਾਗ–ਤੀਜਾ

(ੳ) ਦਿੱਤੇ ਪੈਰ੍ਹੇ ਵਿਚੋਂ ਸ਼ਬਦ-ਜੋੜਾਂ ਦੀ ਸੁਧਾਈ

(ਅ) ਦਿੱਤੇ ਪੈਰ੍ਹੇ ਨੂੰ ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ ਲਾਉਣੇ

ਭਾਗ–ਚੌਥਾ

ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ: ਮੁਢਲੀ ਜਾਣਕਾਰੀ

(ੳ) ਪੰਜਾਬੀ ਭਾਸ਼ਾ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ

(ਅ) ਗੁਰਮੁਖੀ ਲਿਪੀ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ

B.A. SEMESTER–IV
Course Code: BFAA-2409
Fine Arts
Paper-A: History of Indian Painting (Theory)

Credit hours /week: 2	**Total Marks: 100**
Total hours: 30	**Paper A:Theory Marks: 35**
Time: 3 Hours	**Paper B and C: Practical Marks: 20+20 = 40**
	Internal Assessment Marks: 25

Note: Instructions for the Paper Setters:
35 Marks for the theory paper and 20 marks for each practical
The question paper will cover the entire syllabus.
Questions should be based on world famous paintings and sculptures whose slides are easily available.
Question paper should cover the syllabus uniformly.
The paper setter should set the paper in two sections, A and B.
The division of the marks will be as under.
Section-A: 10 marks for 10 objective questions. Each question carries 1 mark.
Section-B: 25 marks for 5 questions. The examiner will set 8 questions. The candidate will attempt 5 questions of 5 marks each.

Course Objectives:
The course will provide exclusive knowledge about Indian miniature painting.
The student will come to know and understand how the painting turned up towards miniature in different styles of different schools.
This course will enable students to improve their potential and creativity.
To understand the significance of past history in modern life.

Unit-I
Early Indian Miniature painting (Pala School)
Western Indian Miniature painting (Jain School)

Unit-II
Mughal School of art: Origin of the school, subject matter and characteristics.
Akbar:- Paintings under Akbar period
Akbar trying to control a wild elephant
Akbar receiving the news of Salim's Birth
        Important artists of Akbars's time:-Mir Sayyid Ali, Khwaja Abd-Al-Samad, Daswant, Basawan
Jahangir:- Paintings under Jahangir period
Turkey cock
Death of Inayat Khan
 Important artists of Jahangir's time: - Mir Mansur, Abu'l Hasan.

Unit-III

Rajasthani School of Art: - Origin Of the school, subject matter and characteristics.
Mewar:
Deepak Raga
Vasant Ragini

Bundi:
Krishna subduing the Snake Kaliya
The hour of cow dust

Kishangarh:
Bani thani as Radha
Radha:Krishna

Unit-IV

Pahari School of Art: Origin of the school, subject matter and characteristics.
Guler:
 Govardhan Chand listening to musicians
Lament of separation
 Kangra:
Radha and Krishna in the grove
 The worship of mount Govardhan
Basohli:
The lady and the herd of deer
The forest fire

 Suggest Readings:
Indian Miniature Paintings; Publisher- Lustre; Author- Anjan Chakarvarty; Year-2008.
Rajasthani Miniatures; Publisher- Nujaki Books Pvt. Ltd; Author- Daljeet; Year-2018
Mewar paintings; Publisher- Agam Kala Prakashan; Author- Andhare Sridhar; Year-1987.
Painting from Mughal IndiaPublisher- Bodlein Library; Author- Andrew Topsfield; Year-2008.
Phari Paintings of an Ancient Romance; Publisher- D.K.Print World Ltd; Author-Harsh V. Dehejia; Year-2011.
Course Outcomes;
Study the history of Indian Miniature painting which is the best example of handmade forms of visual arts in India.
Study history which provides means to understand about the kings and their glorious deeds through miniature paintings and their relationship with our present.
Learn about how products of art were used to promote religious activities.
Study paintings which tell the elegance, rich colors and attention to detail.
Study global, national and local relationship between society and art.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Course Code: BFAB-2409
Fine Arts
Paper–B: Head Study (Practical)

Total Hours: 30 hrs.   **Paper-B Marks: 20**
Time: 5 Hrs.   **Credit Hours (per week): 2 hrs.**

Course Objectives:
The student will be able t
o study different angles of the human head.
Students would gain knowledge of masses of heads.
Students would have knowledge about portraiture practice.
Students would gain knowledge about sketching in portrait.

Study of skills and Anatomy of human head
Medium: Any Medium
Size: ½ Imperial
Candidates will submit:-

(i) 5 sheets of each paper
(ii) Sketch book containing 50 sketches.

Course Outcomes:
Do detailed study of human head and learn movement, balance, proportion, weight etc.
Strengthen their focus and strategic thinking.
Enhance their creative power.
Enhance the visualization power and develop perception and ideas.
Develop Fine Motor skills and improve hand-eye coordination.

B.A. SEMESTER–IV
COURSE CODE: BFAC-2409
FINE ARTS
PAPER–C: Poster/Book Cover (Practical)

Time: 5 Hrs.   **Marks: 20**
Credit Hours (per week): 2 hrs.   **Total Hours: 30 hrs.**

Course Objectives:
1. The course will make the student create her own idea.
2. Students build confidence, self-expressions and creativity.
3. The study of posters is important as it allows students to spread their message to a wide audience in an affordable way.

Poster
Prepare creative posters on social awareness and advertisement, study of letter writing in number of colors. At least 5 works. (3 posters & 2 book covers) will be prepared.
Medium: Poster Colours
Size: 1/2 Imperial
Book Cover
Design Block lettering, Roman Lettering and free hand brush lettering. To design book cover with illustration title, author's name etc. in any number of colures.
Candidates will submit:
(i)   5 sheets of each paper.
(ii)   Sketch book containing 50 Sketches.

Course Outcomes:
1. Do Poster study which is used as tools to display important information.
2. Use poster/book cover as visual aid that support oral communication of information.
3. Enhance creative thinking by making poster.
4. Create a perfusion aspect i.e. the basis of advertisement and promotion
5. Understand how to design a book cover according to the content

B.A. SEMESTER–IV
Geography
Course Code-BGEO-2419
Geography Of Punjab
(Theory)

Credit hours (per week): 4   **Max. Marks: 100**
Total hours: 60   **Theory Marks: 45**
Time: 3 Hours   **Practical Marks: 30**
          Internal Assessment: 25

Instructions for the Paper Setters:

A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt any 5 questions in about 20–30 words each.
Each question will carry 1marks **(Total 5 marks).**

The whole syllabus will be divided into 4 units. Eight questions will be set out of the whole syllabus, 2 from each unit. The students will be required to attempt one question from each unit. Each question carrying 10 marks. These will be in addition to the compulsory question at serial number 1 **(Total 40 marks).**

Special credit will be given to suitable use of maps and diagrams.

Course Objectives:
To understand the regional setting of Punjab state in detail through physical and political maps.
To examine the pattern of select population characteristics.
To study the distribution of major crops, industries and transport links.
To understand the intraregional variations in the select aspects.

UNIT—I
Punjab: Location, evolution of the state, administrative divisions. Relief, drainage, climate, soils, vegetation, mineral and power resources.
UNIT—II

Population: Numbers, distribution, density, growth (birth rate, death rate and migration), religious composition, urbanization.
Agriculture: Main characteristics including green revolution, irrigation, main crops (wheat, rice, cotton, sugarcane) and their distribution, livestock and dairying, problems of agriculture.
UNIT-III
Industries: Main characteristics, distribution pattern of major industries (cotton textile, sugar,   hosiery ,engineering, problems of industrialization.
Transport and Trade: Road, rail and their transport

UNIT—IV

Regional Geography: Majha, Doaba, Malwa and major characteristics of each region.

Books Recommended:

Mankoo, Darshan S.: Geography of Punjab, Kalyani Publication, Ludhiana, 2009.
Mavi, H.S. & Tiwana, D.S.: Geography of Punjab, National Book Trust, Delhi, 1993.
Singh, Malkit: Geography of Punjab, Reshmeet. Publications, Jalandhar, 2010.

Further Readings:
Census of India: Punjab: Census Atlas, Vol. XIII, No. IX, 1996.
Deshpande, C.D.: India: A Regional Interpretation, Northern Book Centre, New Delhi, 1992.
Gosal G.S. & Gopal Krishan: Regional Disparities in Levels of Socio-Economic Development in Punjab, Vishal Publications, Kurukshetra, 1984.
Gupta, S.P.: The Punjab: An Overview, Ess Pee Publications, Chandigarh, 2005.
Singh, Pritam: Punjab Economy: The Emerging Pattern, Enkay Publishers, New Delhi, 1995.
Singh, R.L., (Ed.): India: A Regional Geography, National Geographical Society of India, 1990, reprint.
Spate O.H.K. & Learmonth, A.T.A.: India and Pakistan: A General and Regional Geography. Metheun, London, Latest Edition.

Course outcomes	
Sr. No.	**On completing the course, the students will be able to:**
CO-1	Understand the geographical background and natural resources.
CO-2	Understand the irrigation and agricultural development in Punjab.
CO-3	Evaluate the transportation and population distribution in Punjab.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Geography
Course Code-BGEO-2419
Cartography
(Practical)

Credit hours /week: 2	**Max Marks:30**
Total hours: 20	**Written Paper: 15 Marks**
Time: 3 Hours	**Practical Record (File): 08 Marks**
	Viva: 07 Marks

Course Objectives:

To apprise the students with symbolization of different types of geographical data depiction of various spatial data. To provide training in application of various geographical methods of depicting geographical data. To train the students to interpret the topographical sheets at different scales course content.

UNIT—I

Cartographic Representation of: Population data (distribution, density, growth, migration and literacy)

Agriculture data (land utilization, distribution of crops, percentage of cropped area and irrigated areas).

Industrial data (distribution, employment and production)

Transport data (traffic flow).

UNIT—II

Topographical Maps: Significance of topographical maps in geographical studies. Study and Interpretation of topographical Maps of India (two sheets: one representing a hilly/mountainous tract and the other a plain tract).

Basic Introduction to Remote Sensing and GIS (Geographical Information System).

Note:

A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt 6 short answer type questions in about 25–30 words each. Each short answer type question will carry ½ Mark (Total 3 marks).

The whole syllabus will be divided into 2 units. Eight questions will be set out of thewhole syllabus, four from each unit. The students will be required to attempt two questions from each unit. Each question will carry 3 marks. These will be in addition to the compulsory question at serial number 1. (Total 12 marks)

Recommended Books: -

Khullar, D.R.: Essentials of Practical Geography, NewAcademic Publishing Co., Mai Hiran Gate, Jalandhar, 2016.

Singh, Gopal: Mapwork and Practical Geography, Vikas Publishing House, Pvt. Ltd., New Delhi,1995.
Singh L.R. &Singh, Raghunandan: Mapwork and Practical Geography, Central Book Depot, Allahabad, 1993.
Phyllis Dink: Mapwork, Atma Ram & Sons, 1991.

Course outcomes	
Sr. No.	On completing the course, the students will be able to:
CO-1	Understand the skill of drawing maps.
CO-2	Learning the interpretation of topographical maps.
CO-3	Uderstand the cartographic symbols.
CO-4	Introduce about Remote sensing and GIS

Further Readings:-

Mishra, R.P. & Ramesh, A.: Fundamental of Cartography, Concept Publishing Co., New Delhi, 1989.
Monkhouse, F.J. & Wilkinson, H.R.: Maps and Diagrams, Methuen & Co., London, Third Edition, 1976.
Robinson, A.H. & Randall, D. Sale: Elements of Cartography, John Wiley & Sons, New York, (Sixth Edition), 1995.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
History
Course Code: BHIS-2410
History of the Punjab (A.D. 1469-1799)

Credit hours /week: 4
Total hours: 60
Time: 3 Hours

Total Marks: 100
Theory: 75 Marks
Internal Assessment: 25 Marks

Instructions for the Paper Setters:

Section–A: The examiner will set 8 questions from entire syllabus and the candidate will attempt 5 questions carrying 3 marks each. Answer to each question shall be in about 100 words. The total weightage of this Section will be 15 marks.

Section–B: The examiner will set 8 questions, twofrom each Unit. The candidate will attempt 4 questions selecting one from each Unit in about 1000 words. Each question will carry 15 marks. The total weightage of this Section will be 60 marks.

Important Note: Paper Setter must ensure that questions in **Section–A** do not cover more than one point, and questions in **Section–B** should cover at least 50 per cent of the theme. **The Paper Setter is to set the question paper in three languages i.e. English, Punjabi & Hindi.**

Course Objectives: The main objective of this course is to inculcate deep insights of the students to know the important developments in the History of the Punjab during the medieval period. It aims to familiarize students with the political, social and religious milieu at the advent of Guru Nanak. It intends to provide information regarding the origin, consolidation and development of the Sikh philosophy and the Sikh Panth. It also intends to discuss struggle for the Sikh sovereignty under Banda Bahadur and the Sikh Misls.

Unit–I

The **Sources:** Historical literature in Persian and Punjabi; Administrative Records and Documents; European Travellers Accounts; Non-literary Sources: Monuments, Numismatics and Paintings; **Socio-Religious condition of the Punjab around 1500 A.D. :** The Sunnis; the Shias; the Sufis; the Brahmans; the Jogis; the Vaishnava Bhakti and the Saints

Foundation of the Sikh Panth : Guru Nanak Dev and his Teachings : Early life; Conception of God; Importance of the Guru;Insistence on Right Conduct and Earnest Profession; Institution of Community Kitchen (*Langer*) and Congregational Worship (*sangat*); Succession to Gurush

Unit–II

Development of the Sikh Panth: Guru Angad Dev to Guru Arjan Dev(1539-1606): Increasing number of Sangats: Sikh Ceremonies; the Manji and Masand System; The Founding of the Sacred Places; The Harmandir; Compilation of the *Adi Granth*

Transformation of the Sikh Panth: Guru Hargobind to Guru Tegh Bahadur (1606-1675): Martyrdom of Guru Arjan Dev and Guru Hargobind's Response; Armed Conflict with the State; Circumstances Leading to the Accession and Martyrdom of Guru Tegh Bahadur

Unit–III

Creation of Khalsa: Meaning; Circumstances leading to the Creation of the Khalsa (1699); New Social order; Conflict with the Hill Chiefs and Mughal Administrators; Legacy

Banda Bahadur (1708-16): Early life of Banda Bahadur and his meeting with Guru Gobind Singh; His political activities upto the Conquest of Sarhind; Establishment of an Independent Rule; Imperial Campaign against Banda

Unit–IV

Political Struggle (1716-48): Position of the Sikhs; Repression and Conciliation by the Mughal Governors; Abdus Samad Khan and Zakaria Khan (1716-1745); Ghallughara; Sikh-Afghan Struggle (1752-65); Occupation of Lahore; the Striking of the Coin; Causes of Sikh Success against the Mughals and Afghans; **Leading Sardars and Territories:** NawabKapur Singh; Jassa Singh Ahluwalia; Bhangis; Jassa Singh Ramgarhia; Charat Singh and Mahan Singh; Jai Singh Kanhaya; Ala Singh

Political Organisations of the Sikhs in the 18th Century: Rakhi; Dal Khalsa; Gurmata; Misls; Emergence of New Rulers and their Military Resources; Administrative Arrangements; Land Revenue; Administration of Justice

Readings:

I.B. Banerjee,*Evolution of the Khalsa,* 2 Vols, A. Mukherjee &Co., Calcutta, 1979.
J.S.Grewal and S.S.Bal,*Guru Gobind Singh*, Panjab University, Chandigarh,1987.
J.S.Grewal and InduBanga, *TheKhalsa Over 300 Years*, Manohar, New Delhi,1999.

J.S.Grewal*, Guru Nanak in History*, Panjab University, Chandigarh, 1969.
_____,*From Guru Nanak to Maharaja Ranjit Singh*, G.N.D.University, Amritsar,1982.
_____, *The New Cambridge History of India: The Sikhs of the Punjab*, CUP, New Delhi, 1990.
Khushwant Singh, *A History of the Sikhs, Vol. I (1469-1839),*OUP, Delhi, 1997.
Harbans Singh (ed.), *TheEncyclopedia of Sikhism,* 4 Vols, Punjabi, University, Patiala1992.

W.H. McLeod,*Guru Nanak and the Sikh Religion*, OUP, Delhi, 1968.
_____, *Evolution of the Sikh Community*,OUP, Delhi, 1970.
_____, *Historical Dictionary of Sikhism*, OUP, New Delhi, 2002.
Teja Singh and Ganda Singh, *A Short History of the Sikhs (1469-1765),* Vol.-I, Punjabi University, Patiala, 1983.

Course Outcomes:
After completion of the course, the students will be able to learn:

CO-1 The prevalent political, social and religious condition in which the Sikhism originated and developed in the Punjab.

CO-2 The critical analysis of the various categories of the sources of the history ofthe Punjab.

CO-3 The teachings and the philosophy of the Sikhism. CO-4 Consolidation and expansion of the Sikh Panth.

CO-5 Political struggle of the Sikhs under Banda Bahadur and the Sikh Misls.

B.A. SEMESTER–IV
Mathematics
Course Code: MAT-241A
Statics and vector calculus

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 38 Marks**
Time:- 3 Hours   **Internal Assessment: 12 Marks**

Medium: English
Instructions for the Paper Setters:
The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
The Section–A will consists of eight compulsory questions, each of one mark.
The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
Teaching time for this paper would be six periods per week.

Course Objectives:
The content of this course is designed to make the students understand the resolution and composition of a number of forces.
Students will understand the concept of parallel forces and couples, the concept of moments of forces and couples about a point and a line, friction and its applications.
Studenst will learn the differentiation and integration of vector functions, properties of gradient, divergence and curl, the applications of Gauss divergence theorem, Stoke's theorem and Green's theorem.

Unit-I
Composition and resolution of forces (parallelogram law, triangle law, polygon law, Lami's Theorem, λ - μ theorem). Resultant of a number of coplanar forces, parallel forces. Moments, Varignon's theorem of moments, Couples, Resultant of two Coplanar Couples, Equilibrium of two coplanar couples, Resultant of a force and a couple. Equilibrium of coplanar forces.
Unit-II
Friction, Laws of friction, Equilibrium of a particle on a rough plane. Centre of Gravity: Centre of gravity of a rod, triangular lamina, solid hemisphere, hollow hemisphere, solid cone and hollow cone.

Unit-III
Vector differentiation, Gradient, divergence and curl operators, line integrals, Vector identity, Vector integration,
Unit-IV
Theorems of Gauss, Green, Stokes and problems based on these.

Books Prescribed:
S.L. Loney: Statics, Macmillan and Company, London.
R.S. Verma: A Text Book on Statics, Optical Pvt. Ltd., Allahabad.
Spiegal, M.R.: Introduction to Vector Calculus and Tensor.
Spiegal, M.R.: Vector Analysis.

Course Outcomes: On completing the course, the students will be able to:
understand the study of system of forces in equilibrium and differentiation and integration of vector functions.
define the resolution and composition of a number of forces, parallel forces and couples, moments of forces and couples about a point and a line.
generalise the theory behind the friction and centre of gravity.
apply concept of a vector integration in a plane and in space

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Mathematics
Course Code: MAT-241B
Solid Geometry

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setters:
The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
The Section–A will consists of seven compulsory questions, each of one mark.
The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
Teaching time for this paper would be six periods per week.

Course Objectives:
It will help students to generalise the concepts and ideas of plane geometry.
It will give students the basic geometric views of shape, size, length, angle, volume, surface area, rotation, translation, location etc. associated with any figure.
Students will understand its applications in 3-D modelling, Architectural designing, 3-D Computer graphics.
This subject will make the students to understand the concepts and properties of solids like cone, right circular cone, cylinder, right circular cylinder and sphere.

Unit-I
Cylinder as surface generated by a line moving parallel to a fixed line and through a fixed curve. Different kinds of cylinders such as right circular, elliptic, hyperbolic and parabolic in standard forms

Unit-II
Cone with a vertex at the origin as the graph of homogeneous equation of second degree in x, y, z. Cone as a surface generated by a line passing through a fixed curve and a fixed point outside the plane of the curve, right circular and elliptic cones.

Unit-III
Equation of surface of revolution obtained by rotating the curve f(x,y)=0 about the z-axis in the form of $f(x^2+y^2,z)=0$, Equation of ellipsoid, hyperboloid and paraboloid in standard forms.

Unit-IV
Surfaces represented by general equation of 2nd degree S = 0. Tangent lines, tangent planes and Normal plane.

Books Prescribed:

Narayan, S. & Mittal, P.K. : Analytical Solid Geometry, S. Chand & Co.

Kreyszig, E.: Advanced Engineering Mathematics, John Wiley & Sons.

Course Outcomes:

 On completing the course, the students will be able to:

Understand the concept of 3-D Euclidean geometry.

generalise the concepts and ideas of plane geometry.

Understand the basic geometric views of shape, size, length, angle, volume, surface area, rotation, translation, location etc. associated with any figure.

learn about the applications of solid geometry in 3-D modelling, Architectural designing, 3-D Computer graphics.

understand the concepts and properties of solids like cone, right circular cone, cylinder, right circular cylinder and sphere.

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B.A. SEMESTER–IV
Music (Vocal)
Course code: BMUV-2417-A
(THEORY)

Credit hours /week: 2   **Total Marks: 100**
Total hours: 30   **Theory: 35 Marks**
Time: 3 Hours   **Practical Marks: 40**
                                              Internal Assessment: 25 Marks

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

I. **While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.**
II. **The paper setter should set the paper into two sections A and B.**
III. **Section –A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.**
I. **Section-B: The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.**

Program Objectives: This course is an introduced of different musical terms, raga lakshan. To study the contribution of some early practitioners of music. To impart the knowledge of notation different talas along with layakaries.

Section-A
1. Detailed knowledge of Khyal Styles of Singing.
2. Short notes on the following terms:
   a. Sargam Geet   b. Lakshan Geet
   c. Saadra   d. Raag-Malika

Section-B
3. Formation of 484 Ragas froma Thata by Pt.VyankataMukhi in ChaturdandiPrakashika.
4. Detailed Study of Ten Ancient Rag-Lakshanas.
Section-C
5. Description and notation of the following Ragas: Malkauns, Bihaag and Bhairavi.
6. Description and notation of the following Talas: Ada Chautal and Jhaptal.

Section-D

7. Contribution and Life Sketches of the following musicians: Ustad Amir Khan, Pt. Jasraj,
   S. Sohan Singh.
8. Gayak ke Gun evam dosh.
9. Detailed knowledge of Folk singing styles used in Gurmat Sangeet.

Books Recommended:

1. Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2. Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.

3. Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.

4. Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.

5. Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6. Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.

7. Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991

8. Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Understand about sargam geet, lakhshan geet which help students to get established in practical fields.

CO-2. Understand tala and rhythm structure and gain knowledge about the ancient raga and yoga

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B.A SEMESTER-IV
Music (Vocal)
Course code: BMUV-2417-B
(Practical)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

1. Ability to play five alankars on the Harmonium based on the Kafi Thata.

2. One Vilambit Khayal in any of the Ragas prescribed in the course with simple Alaps and Tanas.

3. One Drut Khayal in each of the following Ragas with simple Alaps and Tanas: Malkauns, Bihaag and Bhairavi.

4. One Trana in any Prescribed Raga with proper singing style.

5. Ability to Sing National Anthem with Harmonium.

6. Ability to recite Jhap-Taal and Ada Chautal showing Khali Tali with handmotion in Ekgun, Dhugan Layakaries.

7. Brief knowledge of Non-Detailed Ragas: Chanderakauns and Tilang and BilasKhani Todi.

8. Ability to play theka of TeenTaal on table.

9. One Cinematic song on Harmonium/ any instrument.

B.A. SEMESTER-IV
Music (Instrumental)
Course code: BMUI-2418-A
(Theory)

Credit Hours (per week): 2	**TotalMarks:100**
Total Hours: 30	**Theory Marks:35**
Time:3 Hours	**Practical Marks:40**
	Internal Assessment: 25

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

I. While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.
II. The paper setter should set the paper into two sections A and B.
III. Section –A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.
IV. Section-B: The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.

Program Objective: To introduced the formation of 484 ragas and brief knowledge of classification of ragas, swaras and different style of vadanshailies of gurmat sangeet.

Section-A

1. Historical development of Indian Music during medieval period i.e from 15th to 18th century.
2. Formation of 484 Ragas.

Section-B

3. Brief knowledge of the followings: Shuddha Rag, Chayalag Rag, Sankirna Rag.
4. Life Sketch and Contribution of Ustad Ali Akbar Khan & Pandit Shiv Kumar Sharma.
5. Importance of Ardhavarshak Swara.
6. Description and notation of the prescribed Ragas: Malkauns and Alahaiya Bilawal.

Section-C

7. Brief knowledge of the following Ragas: Kafi and Chandrakauns.
8. Brief knowledge of the following Talas: Ada Chautal & Jhaptal.

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Section-D

9. Importance of Instrumental Music in Gurmat Sangeet.
10. Folk Gayan Shallies used in Gurmat Sangeet.

Books Recommended:

1. Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2. Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.

3. Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.

4. Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.

5. Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6. Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.

7. Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991

8. Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Gain skill to play instruments
CO-2. Get basic knowledge on the terminology of music

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B.A. SEMESTER–IV
Music (Instrumental)
Course code: BMUI-2418-B
(Practical)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

Ability to play Ten Alankars of Bhairavi Thaat on your Instrument.

One Masitkhani and One Razakhani Gat in each of the following ragas with Toras in Malkauns,

Alihya Bilawal.

Brief knowledge of following non-detailed Ragas Chandrakauns and Kafi.

Ability to recite Ada Chautal and Jhaptal on hand in Ekgun and Dugun Layakaris.

Ability to play Rupak tal on Tabla.

One Razakhani Gat in each of the prescribed Ragas in the course.

Ability to play Ektal on Tabla.

Ability to sing a Merital song with Harmonium.

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B.A. SEMESTER–IV
Course Code: BPED-2415
Physical Education

Credit Hours (per week): 4　　　　　　　　　　　　**TotalMarks:100**
Total Hours: 60　　　　　　　　　　　　　　　　**Theory Marks:45**
Time:3Hours　　　　　　　　　　　　　　　　　**Practical Marks:30**
　　　　　　　　　　　　　　　　　　　　　　　Internal Assessment: 25

Instructions for the Paper Setters:
Part A: Set 5 questions of very short answer type questions selecting at least one from each section.

All questions are compulsory. Each question carries 2 marks.　　　　(5×2 Marks =10 Marks)

Part B: Divide into 4 sections. Set 10 questions of long answer type questions, selecting two from

each section. Each question carries 5 marks.　　　　(7×5 Marks=35 Mark)

Instructions for the candidates:

Part A: All questions are compulsory. Each question carries 2 marks.　　(5×2 Marks =10 Marks)

Part B: Candidates have to attempt 7 Questions out of 10.
Each question carries 5 marks.　　　　　　　　　　(7×5 Marks=35 Marks)

Course Objective:
- **To build understanding of students for various aspects of development.**
- **To recommend students for various yogic exercise for better living.**
- **To aware students about various body systems and their functioning.**

Section A
1.Curriculum planning and principles of planning Physical Education Curriculum?
2. Growth and development during childhood;

   (a) Physical

   (b) Mental

   (c) Emotional

   (d) Inter-personal social development.

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Section B

3. Meaning aims and types of Yoga.

4. The practice of Asans and their importance.

5. Meditative poses (Padma, Vajra, Sukh Asanas)

6. Cultural poses (Halasan, Sarvangasana, Bhujangasna, Salbhasana, Dhanurasana,

Chakarasana)

Section C

7.What are the different forms of meditation
 (i) Mantra Meditation (ii) Breathing Meditation (iii) Silent Meditation
8. Pranayam, its types, objectives and Physiological values.
9. Sudhikirya; its types, objectives and Physiological values.
10. Effect of Yogic and Physical exercises on various systems of the body.

Section D

11. Respiratory system, Organs of respiratory, Mechanism of respiration.

12. Circulatory System: Heart and Its structure, Mechanism of circulation of Blood, various types of

blood vessels.

13. Nervous System: Its organs and functions.

14. Causes, PERventions and cure of sports injuries (sprain, contusion, dislocation and fractures).

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B.A. SEMESTER–IV
Physical Education (Practical)

Practical (External) Marks: 30

Athletics Performance ---------- 200M, relay race : 6 marks

➢ **Games (Boys & Girls)----** Fundamentals, Rules, Performance

Hockey, Wrestling: 6 marks

➢ **Viva** : 6 marks
➢ **Practical file :** 6 marks
➢ **Specific game performance** : 6 marks

Suggested Readings:

- Singh, Kanwaljeet and Singh Inderjeet: Sports Sociology, Friends Publication, New Delhi, 2000.
- Tandan, D.K. et.al,:Scienctific basis of Physical Education and Sports, Friends Publication, New Delhi, 2001.
- Singh, Ajmer and Gill Jagtar: Essentials of Physical Education and Olympic Movement, Kalyani Publishers, Ludhiana, 2004.
- Kang, G.S.: Anatomy, Physiology and Health Education, Publication Bureau, Punjabi University, Patiala, 2000.
- Kang, G.S. and Deol, N.S.: An Introduction to Health and Physical Education, 21st Century,Patiala, 2008.

Sr. No.	On completing the course students will be able to:
CO1	Get knowledge about various stages of growth and development
CO2	Learn Yoga, both cultural and meditative asans.
CO3	Study Sports Injuries
CO4	Get knowledge regarding respiratory circulatory and nervous system

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B.A. SEMESTER–IV
Political Science
Course Code: BPOL-2413
Indian Political System

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter:

Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The course aims at developing understanding about the actual working of the Indian Constitution, its structures and institutions; providing knowledge about the working of Indian party system, its impacts on the Indian society and polity; making the students aware about the working of political institutions in the era of globalization and acquaint them with new issues and challenges being faced by the Indian polity.

UNIT-I
1. Party System in India: Nature and Critical Evaluation.
2. National Political Parties: Congress, BJP, CPI, AAP- Ideology, Policy Programmes and Support Base.
3. Regional Political Parties: Shiromani Akali Dal, DMK, National Conference- Ideology, Policy Programmes and Support Base.

UNIT-II
4. Pressure Groups in Indian Politics.
5. The Election Commission: Powers and Functions; Electoral Reforms.
6. Voting Behaviour: Major Determinants.
7. Political Participation: Determinants and levels of Political Participation.

UNIT-III

8. Emerging Trends in Indian Politics
9. Caste and Religion in Indian Politics.
10. Regionalism and Indian Politics.
11. Liberalisation and Indian Politics.

UNIT-IV

12. Basic Principles and Determinants of India's Foreign Policy.
13. Non-alignment Movement and its relevance in Contemporary World.

Books Recommended:-

1. A.S. Narang, *Indian Government and Politics,* New Delhi: Gitanjali, 1999.
2. B.L. Fadia, *Indian Government and Politics,* Agra: Sahitya Bhavan Publications, 2008.
3. C. P. Bambhari, *The Indian State: Fifty Years,* New Delhi: Sipra, 1997.
4. Francine Frankel, *India's Political Economy: 1947-2004,* New Delhi: Oxford University Press, 2010.
5. G. Austin, *Working of a Democratic Constitution: The Indian Experience*, Delhi: Oxford University Press, 2000.
6. Iqbal Narain, ed., *State Politics in India*, Meerut: Meenakshi Parkashan, 1967.
7. Lloyd I. Rudolph and Susanne Hoeba Rudolph, *Explaining Indian Democracy: A Fifty-Year Perspective, 1956-2006,* Vol. I, II, III, New Delhi: Oxford University Press, 2008.
8. M.V. Pylee, *An Introduction to the Constitution of India,* New Delhi: Vikas, 1998.
9. M.V. Pylee, *Constitutional Government in India,* Bombay: Asia Publishing House, 1977.
10. P. Brass, *Caste, Faction and Parties in Indian Politics*, Vol. II, Delhi: Chanakya Publications, 1984-1985.
11. _____, *Ethnic Groups and the State,* London: Croom Helm, 1995.
12. _____, *Language, Religion and Politics in North Indian,* London: Cambridge University Press, 1974.
13. _____, *Politics of India since Independence*, Hyderabad: Orient Longman, 1990.
14. R. Bhatnagar and Pardeep Kumar eds., *Regional Political Parties in India*, New Delhi: Ess Publications, 1988.
15. Rajni Kothari, *Politics in India,* New Delhi: Orient Longman, 1970.
16. _____, *State against Democracy: In Search of Human Governance,* Delhi: Ajanta, 1988.
17. S.P. Verma and C.P. Bhambari, ed., *Election and Political Consciousness in India*, Meerut: Meenakshi Parkashan, 1967.
18. V. Krishna Ananth, *India since Independence: Making Sense of Politics*, New Delhi: Pearson, 2011.

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Course Outcomes:

CO-1 Critically evaluates the Indian party system– its development, ideologies, policy programmes and support base of the dominant national and regional political parties.
CO-2 Evaluates the electoral process in India with a focus on the role of Election Commission and determinants of Political Behaviour and Political Participation.
CO-3 Investigates the challenges to Indian democracy like caste, religion, and regionalism.
CO-4 Contributes in understanding the role of the economic liberalisation in Indian Politics.
CO-5 Introduces the basic principles of Indian foreign policy.

B.A. SEMESTER–IV
Psychology
BPSY-2411
Experimental Psychology–II
(Theory)

Credit Hours (per week):4   **Max. Marks: 100**
Total Hours: 60   **Theory: 50 Marks**
Time: 3 Hours   **Practical: 25 Marks**
                                                                 Internal Assessment: 25 Marks

Instructions for the Paper Setters:

Section A: This section will consist of ten short answer type questions, each carrying 2 marks. All questions will be compulsory. Answer to each question shall be in 50 words approximately. The total weightage of this section shall be 20 marks.
Section B: This section will consist of six questions. Candidates shall attempt any three questions. Each question carries 10 marks.

Note: The use of Non–Programmable calculators and Statistical Tables are allowed in the examination.

Course Objectives:
This course aims to provide knowledge about mind-body relationship with the help of different psychophysical methods. Students will get to know about cognitive processes like thinking, problem solving, concept formation and reasoning and their impact on human covert and overt actions. Correlational techniques will also be focused upon to understand the relationship between psychological variables.

UNIT-I
Psychophysics: Concept of Psychophysics, Physical V/S. Psychological continuum, Weber-Fechner law, Concept of Absolute and Differential Thresholds. Brief overview of methods of Psychophysics and differences between methods (Methods of limits, Method of Constant Stimuli & Method of Average Error).

Mnemonics: An Introduction to the concept of mnemonics, Constructive memory, Implicit memory & Eyewitness memory, Methods of measuring Retention.

UNIT-II
Forgetting: Nature, Factors Affecting forgetting, Theories of forgetting -Decay, Interference, Retrieval failure.

Thinking and Problem Solving: Nature and Types of Thinking, Nature of Problem Solving, Stages of Problem solving, Factors, Role of set in Problem Solving.

UNIT-III

Concept Formation: Nature, Types and Processes.

Reasoning: Nature and Types of Reasoning.
Correlation: Nature and Types of Correlation, Rank order and Product moment methods (Numericals for Individual data)
Analysis of group differences by t-test

Suggested Readings:
1. Ciccarelli, S.K., & White, J.N. (2015) *Psychology.* Boston: Pearson Publishers.
2. D'Amato, M.R. (1970). *Experimental Psychology: Methodology, Psychophysics and Learning*. New Delhi: McGraw Hill Company.
3. Galotti, K.M. (2007). *Cognitive Psychology: In and Out of the Laboratory*. Thomson Wadsworth.
4. Jain, S. (2001). *Introduction to Psychology*. New Delhi: Kalyani Publishers
5. Postman, L., & Egan, J.P. (1964). *Experimental Psychology*, New York: Harper and Row.
6. Woodworth, R.S. & Schlosberg, H. (1954). *Experimental Psychology*. New York: Holt, Rinehart and Winston, Inc.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	Understand psychophysical methods to uncover the concepts of sensation and perception deeply.
CO2	Uncover the role of various cognitive processes in determining human behavior.
CO3	Understand how different mental processes are related to each other with the help of statistical techniques

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B.A. SEMESTER–IV
Psychology
BPSYP-2411
Experimental Psychology–II
(Practical)

Credit Hours (per week): 2   **Marks: 25**
Total Hours: 20

Instructions for the Practical Examination:

Students are supposed to perform five practical out of six mentioned in the syllabus. Practical examination will be of three hours duration. External examiner will conduct the practical examination. Students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write–up of file book (10 Marks), performance and viva–voce (15 Marks) related to the practical.

Course objectives: The main aim is to enable students to administer various psychological tools on other individuals to assess thresholds, remembering capacity and concept building capacity of other individuals. They will get to know the practical significance of sensory and perceptual modalities in determining behavior.

Five Practical have to be performed out of the following:

1. Measurement of Differential Threshold by method of constant stimuli / method of limits.
2. Recall Vs Recognition Method.
3. Retroactive inhibition.
4. Problem-Solving Ability test by L.N Dubey.
5. Concept formation- Haufmann and Kasanin test of Concept Formation
6. Zeigarnik Effect

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	Assess absolute and differential thresholds of subjects with the help of different psychophysical methods.
CO2	Understand the practical application of the principles of classical as well as modern physics.

B.A. SEMESTER–IV
Course Code: BPUB-2414
Financial Administration

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Marks Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The course aims at developing understanding about the nature and principles of financial administration; apprising the students with the process of budget-making and budget execution and make them aware about the role of financial committees, audit, accounting and Finance Commissions at state & national level.

UNIT- I

1. Financial Administration: Meaning, Nature and Scope.
2. Objectives and Principles of Financial Administration.
3. Union- State Financial Relations.

UNIT- II

4. Meaning, Purpose and Principles of Budget- Budget as a tool of Administration.
5. Preparation, Enactment and Execution of Budget.
6. Performance Budgeting, Zero-Base Budgeting.

UNIT- III

7. Legislative Control over Finance.
8. Role of Financial Committees: Public Accounts Committee, Estimates Committee.
9. Accounting and Audit, Comptroller and Auditor General: Composition and Functions.

UNIT-IV

10. Organization of Union Ministry of Finance.
11. Finance Commission: Composition and Functions.
12. Department of Finance in Punjab: Structure and Functions.

Suggested Readings:

1. G. S. Lall, *Financial Administration in India*, Delhi: H.P.J. Kapoor, 1976.
2. Goel, S. L. *Finical Management and Administration*, Sterling Publications, New Delhi, 1993.
3. Government of India, *Administrative Reforms Commission*, New Delhi: Report of Financial Account and Audit, 1967.
4. K.K. Puri and G.S. Barara, *Personnel and Financial Administration*, Jallandhar: Bharat Prakashan, 2003.
5. M.J.K. Thavaraj, *Financial Administration in India*, New Delhi: S. Chand & Co., 1978.
6. Mahajan S and A. Mahajan, *Financial Administration in India*, Delhi: PHI Learning, 2014.
7. S. L Goel, *Financial Administration*, New Delhi: Deep & Deep Publication, 2002.
8. Sahib Singh and Swinder Singh, *Public Personnel and Financial Administration*, Jallandhar: New Academic Publisher, 2007.

Course Outcomes:
CO-1 Provides knowledge about the meaning and significance of Financial Administration.
CO-2 Explains the union-state financial relations in the light of constitutional framework.
CO-3 Imparts knowledge about the budgetary process including the legislative control over public finance.
CO-4 Enhances the students' understanding about Finance Commission and its working as a tool for redressing states' financial grievances.
CO-5 Enhances the understanding of the students about the composition and working of Union Ministry of Finance and Department of Finance in Punjab.

B.A. SEMESTER–IV
Religious Studies
ਧਰਮ ਅਧਿਐਨ
Course Code – BARS-414
(ਮੱਧਕਾਲੀਨ ਅਤੇ ਆਧੁਨਿਕ ਧਾਰਮਿਕ ਲਹਿਰਾਂ)

ਕ੍ਰੈਡਿਟ: 04   ਕੁੱਲ ਅੰਕ : 100
ਕੁੱਲ ਘੰਟੇ : 60   ਥਿਊਰੀ ਅੰਕ : 75
ਸਮਾਂ : 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ : 25

ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ:

ਪੇਪਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ : ੳ, ਅ, ੲ, ਸ ਅਤੇ ਹ। ਭਾਗ ੳ, ਅ, ੲ, ਸ ਵਿੱਚੋਂ 2-2 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਇੱਕ-ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਹੋਵੇਗਾ ਅਤੇ ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ 'ਹ' ਵਿੱਚੋਂ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਹੜੇ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿੱਚੋਂ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ 1-1 ਅੰਕ ਦਾ ਹੋਵੇਗਾ।

Course Objectives
ਕੋਰਸ ਦੇ ਉਦੇਸ਼:

ਇਸ ਕੋਰਸ ਦਾ ਮੁਖ ਉਦੇਸ਼ ਧਰਮ ਦੀ ਜਾਣਕਾਰੀ ਗ੍ਰਹਿਣ ਕਰਨ ਵਾਲੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਭਾਰਤ ਵਿਚ ਭਗਤੀ ਲਹਿਰ ਦੀ ਆਰੰਭਤਾ, ਵਿਕਾਸ, ਪ੍ਰਮੁੱਖ ਭਗਤਾਂ (ਨਾਮਦੇਵ, ਕਬੀਰ, ਰਵੀਦਾਸ) ਦੇ ਜੀਵਨ, ਉੱਤਰੀ ਭਾਰਤ ਦੀ ਨਿਰਗੁਣ ਅਤੇ ਸਰਗੁਣ ਭਗਤੀ ਧਾਰਾ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਹੈ। ਸੂਫੀ ਮਤ ਦੇ ਆਰੰਭ, ਵਿਕਾਸ, ਪ੍ਰਮੁੱਖ ਸਿਧਾਂਤਾਂ, ਚਿਸਤੀ ਸਿਲਸਿਲੇ ਅਤੇ ਬਾਬਾ ਫਰੀਦ ਦੇ ਜੀਵਨ ਤੇ ਸਿੱਖਿਆਵਾਂ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣਾ। ਪ੍ਰਮੁੱਖ ਧਰਮ ਪ੍ਰਵਰਤਕਾਂ: ਚੇਤਨਜ ਮਹਾਂਪ੍ਰਭੂ, ਸ਼ੰਕਰ ਦੇਵ ਅਤੇ ਮੀਰਾ ਬਾਈ ਸਬੰਧੀ ਜਾਣੂ ਕਰਾਉਣਾ। 19ਵੀਂ ਸਦੀ ਦੀਆਂ ਪ੍ਰਮੁੱਖ ਧਾਰਮਿਕ ਲਹਿਰਾਂ: ਰਾਮ ਕ੍ਰਿਸ਼ਨ ਮਿਸ਼ਨ, ਬ੍ਰਹਮੋ ਸਮਾਜ ਅਤੇ ਆਰੀਆ ਸਮਾਜ ਦੇ ਆਰੰਭ, ਵਿਕਾਸ ਅਤੇ ਯੋਗਦਾਨ ਨੂੰ ਜਾਨਣ ਦੇ ਸਮਰੱਥ ਬਣਾਉਣਾ।

ਭਾਗ (ੳ) : ਭਗਤੀ ਲਹਿਰ

1. ਭਗਤੀ ਲਹਿਰ : ਉਤਪਤੀ ਤੇ ਵਿਕਾਸ
2. ਭਗਤੀ ਲਹਿਰ ਦੇ ਪ੍ਰਮੁੱਖ ਭਗਤਾਂ ਦੇ ਜੀਵਨ : ਨਾਮਦੇਵ, ਕਬੀਰ, ਰਵੀਦਾਸ
3. ਉੱਤਰੀ ਭਾਰਤ ਦੀ ਭਗਤੀ ਪਰੰਪਰਾ : ਨਿਰਗੁਣ ਅਤੇ ਸਰਗੁਣ

ਭਾਗ (ਅ) : ਸੂਫੀ ਮੱਤ

1. ਮੁੱਢਲੀ ਜਾਣ-ਪਛਾਣ : ਆਰੰਭ, ਵਿਕਾਸ ਅਤੇ ਇਸਲਾਮਿਕ ਪਿਛੋਕੜ
2. ਸੂਫੀ ਮੱਤ : ਪ੍ਰਮੁੱਖ ਸਿਧਾਂਤ
3. ਚਿਸ਼ਟੀ ਸਿਲਸਿਲਾ ਤੇ ਬਾਬਾ ਫਰੀਦ : ਜੀਵਨ ਤੇ ਸਿੱਖਿਆਵਾਂ

ਭਾਗ (ੲ) : ਪ੍ਰਮੁੱਖ ਧਰਮ ਪ੍ਰਵਰਤਕ

1. ਸ਼ੰਕਰ ਦੇਵ
2. ਰਾਮਾਨੁਜ
3. ਮੀਰਾਂ ਬਾਈ

ਭਾਗ (ਸ) : ਉਨ੍ਹੀਵੀਂ ਸਦੀ ਦੀਆਂ ਪ੍ਰਮੁੱਖ ਧਾਰਮਿਕ ਲਹਿਰਾਂ

1. ਰਾਮਾ ਕ੍ਰਿਸ਼ਨ ਮਿਸ਼ਨ : ਆਰੰਭ, ਵਿਕਾਸ ਤੇ ਯੋਗਦਾਨ
2. ਬ੍ਰਹਮੋ ਸਮਾਜ : ਆਰੰਭ, ਵਿਕਾਸ ਅਤੇ ਯੋਗਦਾਨ
3. ਆਰੀਆ ਸਮਾਜ : ਆਰੰਭ, ਵਿਕਾਸ ਤੇ ਯੋਗਦਾਨ

ਸੁਝਾਈਆਂ ਪੁਸਤਕਾਂ ਦੀ ਸੂਚੀ:

English:

1. Bahadur Mal, *Dayanand and Study in Hinduism*, Sandhu Ashram, Hoshiarpur, 1962.
2. Darshan Singh, *Indian Bhakti Tradition and Sikh Gurus*, Lyall Book Depot, Bhopal,1968.
3. Farquhar, J.N., *Modern Religious Movements in India*, Munshi Ram, ManoharLal, Oriental Publishers, Delhi, 1967.
4. Ganda Singh (Ed), *Punjab Past and Present*, (Singh Sabha Ussue), Punjabi University, Patiala 1973.
5. Mahadevan, T.M.P., *Ten Saints of India*, Bharti Vidya Bhawan, Bombay, 1976.

Punjabi:

1. ਗੁਰਸ਼ਰਨਜੀਤ ਸਿੰਘ, *ਗੁਰੂ ਨਾਨਕ ਬਾਣੀ ਵਿਚਲੀ ਨੈਤਿਕਤਾ ਦਾ ਅਜੋਕਾ ਪ੍ਰਸੰਗ*, ਭਾਈ ਚਤਰ ਸਿੰਘ ਜੀਵਨ ਸਿੰਘ, ਅੰਮ੍ਰਿਤਸਰ, 2007.
2. ਗੁਲਵੰਤ ਸਿੰਘ, *ਇਸਲਾਮ ਤੇ ਸੂਫੀਵਾਦ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1982.
3. ਤਾਰਨ ਸਿੰਘ, ਬਲਬੀਰ ਕੌਰ, *ਸ਼ੇਖ ਫਰੀਦ-ਜੀਵਨੀ ਤੇ ਰਚਨਾ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1982.
4. ਮਨਮੋਹਨ ਸਿੰਘ, *ਗੁਰੂ ਨਾਨਕ ਅਤੇ ਭਗਤੀ ਅੰਦੋਲਨ*, ਮਨਦੀਪ ਪ੍ਰਕਾਸ਼ਨ, ਨਵੀਂ ਦਿੱਲੀ, 1970.
5. ਮਨਮੋਹਨ ਸਿੰਘ, *ਭਗਤੀ ਸਿਧਾਂਤ ਦੇ ਆਧਾਰ ਸ੍ਰੋਤ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1991.
6. ਲਾਲ ਸਿੰਘ, *ਭਗਤੀ ਕਾਵਿ*, ਭਾਸ਼ਾ ਵਿਭਾਗ ਪੰਜਾਬ, ਪਟਿਆਲਾ, 1970.

Hindi:
1. ਚਤੁਰਵੇਦੀ, ਪਰਸੁਰਾਮ, *ਉੱਤਰੀ ਭਾਰਤ ਦੀ ਸੰਤ ਪਰੰਪਰਾ*, ਭਾਰਤੀਯ ਪੁਸਤਕ ਲਹਿਰ ਪ੍ਰੈਸ, ਇਲਾਹਾਬਾਦ, 1964.
2. ਪੰਕਜ, ਪ੍ਰਾਣਨਾਥ, *ਅਭਿਨਾਸੀ ਗਿਰਧਰ ਕੀ ਮੀਰਾ*, ਰੂਪਾ ਐਂਡ ਕੰਪਨੀ, ਨਵੀਂ ਦਿੱਲੀ. 2001.
3. ਪ੍ਰਭੂਪਾਦ, ਸਵਾਮੀ, *ਭਗਵਾਨ ਸ੍ਰੀ ਚੈਤੰਨਯ ਮਹਾਂਪ੍ਰਭੂ*, ਭਗਤੀ ਵੇਦਾਂਤ ਬੁੱਕ ਟਰੱਸਟ, ਮੁੰਬਈ, 2002.

Course Outcomes:
ਕੋਰਸ ਦੇ ਨਤੀਜੇ:
ਕੋਰਸ ਪੂਰਾ ਹੋਣ 'ਤੇ ਵਿਦਿਆਰਥੀ ਜਾਣ ਲੈਣਗੇ:
1. ਭਾਰਤ ਵਿਚ ਭਗਤੀ ਲਹਿਰ ਦੀ ਆਰੰਭਤਾ, ਵਿਕਾਸ, ਪ੍ਰਮੁੱਖ ਭਗਤਾਂ (ਨਾਮਦੇਵ, ਕਬੀਰ, ਰਵੀਦਾਸ) ਦੇ ਜੀਵਨ, ਉੱਤਰੀ ਭਾਰਤ ਦੀ ਨਿਰਗੁਣ ਅਤੇ ਸਰਗੁਣ ਭਗਤੀ ਧਾਰਾ ਬਾਰੇ।
2. ਸੂਫੀ ਮਤ ਦੇ ਆਰੰਭ, ਵਿਕਾਸ, ਪ੍ਰਮੁੱਖ ਸਿਧਾਂਤਾ, ਚਿਸ਼ਤੀ ਸਿਲਸਿਲੇ ਅਤੇ ਬਾਬਾ ਫਰੀਦ ਦੇ ਜੀਵਨ ਤੇ ਸਿੱਖਿਆਵਾਂ ਬਾਰੇ।
3. ਭਾਰਤੀ ਧਾਰਮਿਕ ਪ੍ਰੰਪਰਾ ਦੇ ਪ੍ਰਮੁੱਖ ਪ੍ਰਵਰਤਕਾਂ: ਚੇਤੰਨਯ ਮਹਾਂਪ੍ਰਭੂ, ਸ਼ੰਕਰ ਦੇਵ ਅਤੇ ਮੀਰਾ ਬਾਈ ਸਬੰਧੀ।
4. 19ਵੀਂ ਸਦੀ ਦੀਆਂ ਪ੍ਰਮੁੱਖ ਧਾਰਮਿਕ ਲਹਿਰਾਂ ਰਾਮ ਕ੍ਰਿਸ਼ਨ ਮਿਸ਼ਨ, ਬ੍ਰਹਮੋ ਸਮਾਜ ਅਤੇ ਆਰੀਆ ਸਮਾਜ ਦੇ ਆਰੰਭ, ਵਿਕਾਸ ਅਤੇ ਯੋਗਦਾਨ ਸਬੰਧੀ।

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Sociology
Course Code: BSOC-2408
Social Change in India

Credit hours (Per Week) :4　　　　　　　　　　　　　　　　　　　**Max. Marks: 100**
Time: 3 Hours　　　　　　　　　　　　　　　　　　　　　　　　　　　**Theory: 75**
Total hours: 60　　　　　　　　　　　　　　　　　**Internal Assessment: 25**

Instructions for the Paper Setters:

Section–A It will consist of **Ten very short answer questions.** Answer to each question will be five to seven lines. All questions will be compulsory. Each question will carry two marks. Total weightage of this section is **20 marks.**
Section–B It will consist of seven questions and candidates have to attempt any five questions. Answer to each question should be 250 words**. Each question will carry five marks**. Total weightage of this section is **25 marks**.
Section–C It will consist of five questions at least two from each unit. Candidates have to attempt three questions at least one from each unit. Answer to each question should be of 3 pages or 500 words. **Each question will carry 10 marks**. Total weightage of this section is **30 marks.**

Course Objectives:

1. To aware students about the concept of social change and various forces that bring change in the society.
2. To impart knowledge about various dimensions of social change and related processes.
3. To provide knowledge about various social issues arises due to social change and their

   repercussions in the society.

Unit —I

a) **Social Change:** Meaning and Forms: Evolution, Revolution, Progress and Development.
b) **Factors of Social Change:** Demographic, Education, Technology and Legislation.

Unit —II

c) **Processes of Change:** Sanskritization, Westernization, Modernization and Secularization.
d) **Issues and Challenges:** Crime and Juvenile Delinquency, Gendered based violence, Issues of LGBTQ, Child abuse, Problems of elderly

References for Semester IV

1. Ahuja, Ram: *Social Problems*, Rawat Publishers, New Delhi, 1992.
2. Abraham, M. Francis: *Contemporary Sociology,* Oxford University, New Delhi, 2006.
3. Dhaliwal et al: *Fundamentals of Environmental Science,* Kalyani Publishing, New Delhi,1996.
4. Ghurye, G.S.: *Caste & Race in India,* Popular, Bombay, Punjabi Translations by N.S. Sodhi, Panjabi University, Patiala, 1962.
5. Gill, S.S. :*The Pathology of Corruption,* Harper Collin Publishers, New Delhi, 1998.
6. Hutton, J.H.: *Caste in India—Its Nature, Functions and Origin,* Oxford University Press, Delhi 1980.
7. Jayaraman, Raja: *Caste & Class, Dynamics of Inequality in Indian Society,* Hindustan Publishing Corporation, 1981.
8. Kapadia, K.M.: *Marriage and Family in India,* Oxford University Press, Calcutta, 1996.
9. Kapila, S:*A Textbook of Sociology,* Part-I & II, New Academic House, Jalandhar, 1990-91.
10. Kapila S., *Fundamentals of Sociology,* Vol. II Panchkula, Kapila Publishers, 2008.
11. Kothari, Rajni (ed): *Caste in Indian Politics,* Orient Longman, Delhi, 1973.
12. Kuppuswamy, B.: *Social Change in India,* Vikas, Delhi, 1975.
13. Mandelbaum : David *G.: Society in India*, Popular Prakashan, Bomaby, 1972.
14. Mukerji, D.P.: *Diversities: Essays in Economics, Sociology and Social Problems*, Manak, New Delhi, 2002.
15. Maclver, R.M. & Page, Charles H.: *Society, An Introductory Analysis,* Macmillan, London, 1974.
16. Srinivas, M.N.: *Social Change in Modern India,* Orient Longman, Bombay, 1972
17. Chatterji, S. A. (2010). *Women in Perspective: Essays on Gender Issues. India:* Vitasta Publishing House.
18. The SAGE Encyclopedia of LGBTQ Studies. (2016). United States: SAGE Publications.
19. Kacker, L. (2015). *Childhood Betrayed: Child Abuse and Neglect in India*. India: HarperCollins Publishers India.

Course Outcome (CO):

CO1**.** Students learn about the various forces that bring change in the society.
CO2. They became familiar with various dimensions of social change and related processes.
CO3. The get acquainted with the outcomes of social change

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Statistics
Course Code: STA-241A
Paper–I: Advanced probability-II

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

Instructions for the Paper Setters:

1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week and two periods per week for practical.

Course Objectives:
To enable the students to understand the concept of sampling distributions and their applications in statistical inference
To help the studenst to learn the applications of t and F distributions
To develop clear understanding of Central Limit Theorem and its applications.

Unit–I
Concept of statistics, sampling distribution and standard error, Sampling distributions: Chisquare, t and F distributions and their applications.

Unit–II
Sampling distribution of the mean of a set of independent random observations from a normal population, sampling distribution of the sample variance of independent random observations from a normal population (derivation of sample variance distribution is excluded). Expectation and variance of sampling mean and variance.

Unit–III
The law of large numbers, Bernoulli's form of the law of large numbers, Convergence in probability, the difference between convergence in probability and the ordinary convergence of calculus, convergence in distribution.

Unit–IV
The central limit theorem for independent identically distributed random variables and the outline of its proof using moment generating function. Applications of central limit theorem. Normal approximation to the Binomial distribution, Poisson distribution.

Books Prescribed:
Meyer, P.L. Introductory Probability and Statistical Applications, Addison—Wesley, (1970).
2. Gupta, S.C. and Kapoor, V.K., Fundamentals of Mathematical Statistics, Sultan Chand and Company, 2007.

Books Suggested for Supplementary Reading:
    1. Biswal, P.C., Probability and Statistics, Prentice Hall of India, 2007.
    2. Ross, S.A., First Course in Probability, Pearson Education, 2007.
    3. Miller, I and Miller, M., Mathematical Statistics with Applications, Seventh Edition, Pearson Education, 2007.

Courseoutcomes: On completing the course, the students will be able to:
To understand the concept of sampling distributions and their applications in statistical inference
Learn the applications of t and F distributions
To develop clear understanding of Central Limit Theorem and its applications.
Analyze categorical data by using Chi square techniques.
Understand the laws of convergence and their inter relations

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Statistics
Course Code: STA-241B
Paper–II: Statistical Inference-II

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

Instructions For The Paper Setters:

1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week and two periods per week for practical.

Course Objectives:

To enable the students to have a clear understanding of when to apply various tests of hypothesis about population parameters using sample statistics and draw appropriate conclusion.
To allow the students to compare the two univariate normal distributions through their mean and variance.
To help the students to apply Z test to check the significance of correlation coefficient, single proportion.
To help the students to learn the applications of chi square test such as goodness of fit, independence of attributes

Unit-I

A Large Sample Tests: Tests about the mean and variance of a univariate normal distribution, comparison of two univariate normal distributions through their means and variances.

Unit-II

Testing the significance of the correlation coefficient. Tests for significance for single proportion and for difference of two proportions, Z-transformation of the sample correlation, tests regarding the population correlation coefficient based on the Z-transformation. Chi-square tests for goodness of fit.

Unit-III

Chi-square test for homogeneity and for independence of attributes, simplified formula for Chi-square for testing homogeneity and for independence in 2x2 tables and kxb contingency tables. Yates correction for continuity in 2x2 tables. Chi-square tests for significance for single variance. F-test for equality of variances.

Unit-IV

Small Sample Tests: t-tests for single population and two populations, paired t-test, t-test for significance of correlation coefficients and regression coefficients,

Books Prescribed:
1. Goon. A.M., Gupta. M.K. and Dasgupta B., Fundamentals of Statistics, Vol. I, World Press, 2005.
2. Goon. A.M., Gupta. M.K. and Dasgupta B., Fundamentals of Statistics, Vol. II, World Press, 2005.
3. Gupta, S.C. and Kapoor, V.K., Fundamentals of Mathematical Statistics, Sultan Chand and Company, 2007.

Books Suggested for Supplementary Reading:
1. Hogg. R.V. and Mckean, J.W. and Craig. A.T., Introduction to Mathematical Statistics, Pearson Education, 2007.
2. Miller, I and Miller, M., Mathematical Statistics with Applications, Pearson Education, 2007.

Course Outocmes: On completing the course, the students will be able to:
have a clear understanding of when to apply various tests of hypothesis about population parameters using sample statistics and draw appropriate conclusion.
Compare the two univariate normal distributions through their mean and variance.
Apply Z test to check the significance of correlation coefficient, single proportion.
Learn the applications of chi square test such as goodness of fit, independence of attributes
Use the t- test for checking the significance of single population and double population.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Statistics
Course Code: STA-241P
Practical based on paper Statistical inference–II

Credit Hours (Per Week): 3   **Maximum Marks: 30**
Total Hours:45 hrs.   **Practical Marks: 22**
Time: 2 Hours   **Internal Assessment Practical: 08**

Instructions for Paper Setter and Students:
Students are required to prepare a practical note book with at least 30 exercises based upon the above list. At the end of semester, there is a practical examination jointly conducted by two examiners (one is internal and other one is external). External examiner is appointed by the university and the internal examiner is appointed by the principal of the concerned college. This practical examination will cover a written test followed by a viva-voce to test the practical knowledge of students about the contents. The candidates are allowed to use Non–Programmable calculators.

The distribution of marks is as under:
 1. Practical Note book: 05
2. Viva – voce: 07
3. Exercises: 10
Teaching time for practical paper would be one hour per week.
Course Objectives:

To help the students to understand the practical applications of large and small sample tests.
To draw the inference about the unknown population parameters based on various tests.
To enable the students to validate the significance of hypothesis using various tests.

Course Content
List of practical exercises
1. Exercises on Large Sample Tests
2. Exercises on Z-transformation
 3. Exercises on applications of Chi square test
4. Exercises on applications of t - test
5. Exercises on application of F – test

Course Outcomes: On completing the course, the students will be able to:
Practical applications of large and small sample tests.
Drawing inference about the unknown population parameters based on various tests.
Validate the significance of hypothesis using various tests.
Solve exercises on Z transformation.
Practice the question based on application of Chi square test.

B.A. SEMESTER–IV
Theatre Studies
Course Code: BTHS-2416
Theatre Design

Credit Hours (Per Week): 6
Total Hours:90 hrs.
Time: 3 Hours

Maximum Marks: 100
Theory Marks: 25
Practical Marks: 50
Internal Assessment: 25

Instructi	(Course Objective)	(Course Outcomes)
	• The main objective of this paper is to give the knowledge about: • Set design, • Light designing • Makeup tools according to the character.	• On completion of this course students will be able to get job opportunities in the field of theatre and media as : • Costume Designer • Set Designer • Light Designer • Make-Up Artist

Instruction for the Question Paper Setter:
Question paper will be maximum of 25 marks, to be attempted in 3 hrs. Question Paper setter will set eight questions (two questions from each unit). Each question will carry 05 marks.
Note: If the paper setter bifurcates any question into sub-parts, then the value of each part should not be below 2.5 marks.
Instruction for the student:
Question paper will be maximum of 25 marks, to be attempted in 3 hrs. There will be 4 units in question paper. Each unit will have 2 questions. Student has to attempt five questions, one from each unit. They can attempt fifth question from any unit. Answer should be within 500 words. Each question will carry 05 marks.

Unit I

Costume Design: Concept and Objectives
Fundamentals of Costume Design: -Socio- Cultural aspects.

Unit II

Set Design: Concept and Objectives
Fundamentals of Set Design: -Socio- Cultural aspects.

Unit III

Light Designing: Concept and Functions
Equipment

Unit IV

Make-Up: Definition and Objectives
Make-up types:
Straight Make-Up
Character Make-Up

Practical:
Design and Dramatic Structure of: "Midsummer Night's Dreams" by Shakespeare.
Suggested and Prescribed Readings:

David Welker, Theatrical set design the basic techniques, Allyn and Bacon, Inc. Boston 1979
Hunston D. Sellman & Merriel lessley, Essential of stage lighting, Prenticl Hall, U.S.A,1982
Kewal Dhaliwal, Rang Karmi Di Tesri Akh, Ravi Sahit prakashan, Asr (2006)
Richard Pilbrow, Stage Lighting, Studio vista London, 1974
Mid Sumer Night's Dream (Hindi) Ranghy Raghav

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–IV
Course Code: ESL-222
Environmental Studies–II (Compulsory)

Credit hrs./wk.:2   **Max. Marks: 50**
Total Hours: 30
Time: 3 Hours

Instructions for Paper Setters: The question paper will consist of three sections. Candidate will be required to attempt all the sections. Each unit of the syllabus should be given equal weightage of marks. Paper to be set in English, Punjabi and Hindi.
Section–A: (16 Marks): It will consist of five short answer type questions. Candidates will be required to attempt four questions, each question carrying four marks. Answer to any of the questions should not exceed two pages.
Section–B: (24 Marks): It will consist of five questions. Candidates will be required to attempt four questions, each question carrying six marks. Answer to any of the questions should not exceed four pages.
Section–C: (10 Marks): It will consist of two questions. Candidate will be required to attempt one question (carrying ten marks) only. Answer to the question should not exceed 5 pages.

Course Objectives:

CO-1	To study the concept of Biodiversity – role, importance, values and its conservation. Hot spots and threats to biodiversity.
CO-2	To create awareness regarding environmental pollution, its causes and effects and preventive measure to control the different types of pollution.
CO-3	To make students aware of growing human population – causes and concern. Family welfare programs. Road safety (Traffic) rules.
CO-4	To know about entrepreneurship development and civil/self defense.

Unit-I

Biodiversity and its Conservation:
- Definition: Genetic, species and ecosystem diversity.
- Biogeographical classification of India.
- Value of Biodiversity: Consumptive use; productive use, social, ethical, aesthetic and optionvalues.
- Biodiversity of global, National and local levels.
- India as mega-diversity nation.
- Hot-spots of biodiversity.
- Threats to Biodiversity: Habitat loss, poaching of wild life, man wildlife conflicts. Threatened and endemic species of India.
- Endangered species, vulnerable species, and rare species.
- Conservation of Biodiversity: In situ and Ex-situ conservation of biodiversity. National Parks, Wild life sanctuaries, Biosphere reserve, Project Tiger, Project Elephant.

Unit-II

Environmental Pollution: Concepts and Types

➤ Definition, causes, effects and control measures of:
  a) Air Pollution
  b) Water Pollution
  c) Soil Pollution
  d) Marine Pollution
  e) Noise Pollution
  f) Thermal Pollution
  g) Nuclear Hazards
  h) Electronic Waste
➤ Concepts of hazards waste & human health risks.
➤ Solid Waste Management: Causes, effects and control measures of municipal, biomedical and e-waste
➤ Role of an individual in prevention of pollution.
➤ Pollution case studies.
➤ Disaster Management: Floods, Earthquake, Cyclone and Landslides.

Unit-III

Human Population and the Environment

➤ Human population growth: impacts on environment.
➤ Population explosion-Family welfare programme.
➤ Environment and human health: Concept of health and disease, common communicable and non communicable diseases, public awareness
➤ Human rights.
➤ Value education.
➤ Women and child welfare.
➤ Role of information technology in environment and human health.
➤ Environment movments in India: Chipko movement, Silent valley movement and other case studies.
➤ Road Safety Rules & Regulations**:** Use of Safety Devices while Driving, Do's and Don'tswhile Driving, Role of Citizens or Public Participation, Responsibilities of Public underMotor Vehicle Act, 1988, General Traffic Signs.
➤ Accident & First Aid**:** First Aid to Road Accident Victims, Calling Patrolling Police &Ambulance.

Unit-IV

National Service Scheme:

o **Entrepreneurship Development:** Definition & Meaning; Qualities of good entrepreneur; Steps/ ways in opening an enterprise; Role of financial and support service Institutions.
o **Civil/Self Defense:** Civil defense services, aims and objectives of civil defense; Needs for self-defense training.

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Field Visits:
- Visit to a local area to document environmental assets–river/forest/grassland/hill/mountain.
- Visit to a local polluted site–Urban/Rural/Industrial/Agricultural.
- Study of common plants, insects, birds.
- Study of simple ecosystems–pond, river, hill slopes etc.
- Contribution of the student to NSS/any other social cause for service of society.
- Visit to Museum/Science City
- Municipal solid waste management and handling.

Note: In this section the students will be required to visit and write on the environment of an area/ ecosystem/vi1lage industry/disaster/mine/dam/agriculture field/waste management/hospital etc. with its salient features, limitations, their implications and suggestion for improvement.

References/Books:
1. Agarwal, K. C. 2001. Environmental Biology, Nidhi Publications Ltd. Bikaner.
2. Bharucha, E. 2005. Textbook of Environmental Studies, Universities Press, Hyderabad.
3. Down to Earth, Centre for Science and Environment, New Delhi.
4. Jadhav, H. & Bhosale, V. M. 1995. Environmental Protection and Laws. Himalaya Pub.
5. Joseph, K. and Nagendran, R. 2004. Essentials of Environmental Studies, PearsonEducation (Singapore) Pte. Ltd., Delhi.
6. Kaushik, A. & Kaushik, C. P. 2004. Perspective in Environmental Studies,New Age International (P) Ltd, New Delhi.
7. Miller, T. G. Jr. 2000. Environmental Science, Wadsworth Publishing Co.
8. Sharma, P. D. 2005. Ecology and Environment, Rastogi Publications, Meerut.
9. Booklet on Safe Driving. Sukhmani Society (Suvidha Centre), District Court Complex,Amritsar
10. Asthana, D.K. 2006. Text Book of Environmental Studies, S. Chand Publishing.
11. Kanta, S., 2012. Essentials of Environmental Studies, ABS Publications, Jalandhar.
12. Basu, M., Xavier, S. 2016. Fundamentals of Environmental Studies, Cambridge University Press, India.
13. Mahapatra, R., Jeevan, SS, Das S. 2017. Environment Reader for Universities, Centre for Science and Environment, New Delhi.

Course Outcomes:

CO-1	To know about the meaning of Biodiversity and its role in environment.
CO-2	To know about the causes of different forms of pollution and their control measures.
CO-3	To know about the causes and challenges of growing human population. Women and child welfare programs.
CO-4	To know the development of entrepreneurship and techniques of civil/self defense.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER – V
Course Code: BENC-3505
English (Compulsory)

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setter and Distribution of Marks:
The question paper will consist of four sections and the distribution of marks will be as under:
Section A: 08 Marks
Section B: 20 Marks
Section C: 05 Marks
Section D: 04 Marks

Section–A

1. **Twelve (12)** Questions on the usage of grammar related to the prescribed units of *Murphy's English Grammar* will be set for the students to attempt any **Eight (8)**

                                                                                                    (8X1= 8 Marks)

Section–B

2. **THREE** questions requiring brief descriptive answers based on character, tone, plot and theme in the play *All My Sons* will be set and students will be expected to attempt **any TWO**

                                                                                                    (2X5= 10 Marks)

3. **THREE** questions on central idea, theme, tone or style etc. of the prescribed poems from the textbook, *Poems of Nature and Culture* will be set for the students to attempt **any TWO** questions.

                                                                                                    (2X5 = 10 Marks)

Section–C

4. **TWO** Questions, one each from *All My Sons* and *Poems of Nature and Culture* (**250-300 words**) will be set for the students to answer **ANY ONE.**
            (1X5 = 5 Marks)

Section-D

5. Guided Composition (with given hints) in about 150-200 words.   (1X4 = 4 Marks)

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Course Contents:
1. The study of the text, *All My Sons*
2. The study of the following poems from the prescribed book *Poems of Nature and Culture*
   - William Wordsworth :   The World Is Too Much With Us
                                :   The Solitary Reaper
   - Gordon Lord Byron   :   She Walks in Beauty
   - P.B. Shelley   :   Ozymandias
   - Alfred Lord Tennyson   :   In Memoriam
   - Mathew Arnold   :   Dover Beach
   - W. B. Yeats   :   Words
   - Walter De La Mare   :   The Listeners
   - W.H. Auden   :   The Unknown Citizen
   - Dylan Thomas   :   Do not Go Gentle into That Good Night
   - Rabindranath Tagore :   False Religion
   - Nissim Ezekiel   :   Night Of Scorpion

3. Unit No. 47-48, 113-120 from *Murphy's English Grammar*

Course Objectives:
1. To read, interpret and write about a diverse range of texts in English
2. To understand the prescribed texts analytically and critically
3. To participate in the critical and cultural discourses of English
4. To teach language and literature effectively with the support of ICT tools
5. To become competent, committed, conscious, creative, and compassionate human beings

Text Books Prescribed
1. *All My Sons* by Arthur Miller.
2. *Poems of Nature and Culture,* Guru Nanak Dev University Amritsar
3. *Murphy's English grammar 4th Edition* (by Raymond Murphy) CUP

Course Outcomes:
The completion of this course enables students to:
1. widen their knowledge about various literary devices used in poetry such as tone, style, imagery, figures of speech, symbolism, etc.
2. develop power of imagination and appreciate the beauty, rhyme, and style of a poem
3. analyze and appreciate the dramatic technique, plot development and art of characterisation in the prescribed play
4. develop an understanding of the insights, genres, conventions and experimentations associated with English Drama
5. develop the knowledge, skills and capabilities for effective business writing

B.A. SEMESTER-V
Course Code: BPBI - 3501
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 04	ਕੁੱਲ ਅੰਕ: 50
ਕੁੱਲ ਘੰਟੇ: 60	ਥਿਊਰੀ ਅੰਕ: 37
ਸਮਾਂ: 3 ਘੰਟੇ	ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀਆਂ ਦੀਆਂ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਨੂੰ ਵਧਾਉਣਾ।	• ਵਿਦਿਆਰਥੀ ਦੀ ਸਾਹਿਤਕ ਸਮਝ ਪਕੇਰੀ ਹੋਵੇਗੀ।
• ਵਿਦਿਆਰਥੀ ਦੀ ਸਾਹਿਤਕ ਸਮਝ ਨੂੰ ਹੋਰ ਪਕੇਰਾ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀ ਆਧੁਨਿਕ ਗਲਪ ਦੇ ਵਿਸ਼ੇਗਤ ਸਰੋਕਾਰਾਂ ਤੋਂ ਜਾਣੂ ਹੋਵੇਗਾ।
• ਵਿਦਿਆਰਥੀ ਦੇ ਭਾਸ਼ਾਈ ਗਿਆਨ ਵਿਚ ਵਾਧਾ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀ ਅਨੁਵਾਦ ਕਲਾ ਵਿਚ ਮੁਹਾਰਤ ਹਾਸਲ ਕਰੇਗਾ।
	• ਵਿਦਿਆਰਥੀ ਦਾ ਭਾਸ਼ਾਈ ਗਿਆਨ ਹੋਰ ਵਿਕਸਿਤ ਹੋਵੇਗਾ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਚਾਰ ਭਾਗਾਂ ਵਿਚ 02-02 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿਚੋਂ 01-01 ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ (08) ਅੰਕ ਹੋਣਗੇ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਪੰਜਵੇਂ ਭਾਗ ਵਿਚ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ 01-01 ਅੰਕ ਦੇ ਛੇ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ 05 ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਨਵੀਂ ਪੰਜਾਬੀ ਕਹਾਣੀ
ਡਾ. ਮਹਿਲ ਸਿੰਘ ਅਤੇ ਡਾ. ਆਤਮ ਸਿੰਘ ਰੰਧਾਵਾ (ਸੰਪਾ.), ਸਿੰਘ ਬ੍ਰਦਰਜ਼, ਅੰਮ੍ਰਿਤਸਰ।
(ਪਹਿਲੀਆਂ ਪੰਜ ਕਹਾਣੀਆਂ ਵਿਚੋਂ ਸਾਰ/ਵਿਸ਼ਾ-ਵਸਤੂ/ਪਾਤਰ ਚਿਤਰਨ)

ਭਾਗ-ਦੂਜਾ

ਏਹੁ ਹਮਾਰਾ ਜੀਵਣਾ
ਦਲੀਪ ਕੌਰ ਟਿਵਾਣਾ, ਲੋਕਗੀਤ ਪ੍ਰਕਾਸ਼ਨ, ਚੰਡੀਗੜ੍ਹ।
(ਨਾਵਲ ਦਾ ਸਾਰ/ਵਿਸ਼ਾ-ਵਸਤੂ/ਪਾਤਰ ਚਿਤਰਨ)

ਭਾਗ-ਤੀਜਾ

(ੳ) ਅਨੁਵਾਦ: ਪਰਿਭਾਸ਼ਾ ਤੇ ਕਿਸਮਾਂ
(ਅ) ਸਰਲ ਅੰਗਰੇਜ਼ੀ ਪੈਰ੍ਹੇ ਦਾ ਪੰਜਾਬੀ ਵਿਚ ਅਨੁਵਾਦ

ਭਾਗ-ਚੌਥਾ

ਵਿਆਕਰਨ:
(ੳ) ਪੰਜਾਬੀ ਧੁਨੀ ਵਿਉਂਤ
(ਅ) ਵਾਕਾਤਮਕ ਜੁਗਤਾਂ: ਮੇਲ ਤੇ ਅਧਿਕਾਰ

B.A. SEMESTER-V
Course Code: BPBI-3502
ਮੁਢਲੀ ਪੰਜਾਬੀ
(In Lieu of Compulsory Punjabi)

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 04   ਕੁੱਲ ਅੰਕ: 50
ਕੁੱਲ ਘੰਟੇ: 60   ਥਿਊਰੀ ਅੰਕ: 37
ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਭਾਸ਼ਾਈ ਗਿਆਨ ਨੂੰ ਹੋਰ ਵਧਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਨਾਲ-ਨਾਲ ਪੰਜਾਬੀ ਸਾਹਿਤ ਨਾਲ ਜੋੜਨਾ। • ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਦਿਅਕ ਪ੍ਰਤਿਭਾ ਦੇ ਨਾਲ-ਨਾਲ ਨੈਤਿਕਤਾ ਨਾਲ ਜੋੜਨਾ।	• ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਭਾਸ਼ਾ, ਉਪਭਾਸ਼ਾ ਤੇ ਟਕਸਾਲੀ ਭਾਸ਼ਾ ਪ੍ਰਤੀ ਸਮਝ ਵਿਕਸਿਤ ਹੋਵੇਗੀ। • ਵਿਦਿਆਰਥੀ ਸਿੱਖ ਧਰਮ ਦੇ ਸਿਧਾਂਤਾਂ ਤੋਂ ਪ੍ਰੇਰਿਤ ਹੋ ਕੇ ਆਪਣੀ ਸ਼ਖਸੀਅਤ ਦੀ ਉਸਾਰੀ ਕਰਨਗੇ। • ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਨਾਲ-ਨਾਲ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਅੰਗਰੇਜ਼ੀ ਭਾਸ਼ਾ ਉੱਤੇ ਵੀ ਪਕੜ ਵਧੇਗੀ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਪਹਿਲੇ ਭਾਗ ਵਿਚੋਂ ਪੰਜ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਤਿੰਨ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹਨ। ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ ਪੰਜ-ਪੰਜ ਅੰਕ ਹਨ। ਭਾਗ ਦੂਜਾ ਵਿਚੋਂ ਦੋ ਹਿੱਸਿਆਂ ਵਿਚ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹੋਣਗੇ। ਪਹਿਲੇ ਹਿੱਸੇ ਵਿਚ ਦੋ ਵਰਣਨਾਤਮਕ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਸ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਇਸ ਦੇ ਚਾਰ ਅੰਕ ਹਨ। ਦੂਜੇ ਹਿੱਸੇ ਵਿਚ ਤਿੰਨ ਪ੍ਰਸ਼ਨ ਤਿੰਨ-ਤਿੰਨ ਅੰਕਾਂ ਦੇ ਪੁੱਛੇ ਜਾਣਗੇ। ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹਨ। ਭਾਗ ਤੀਜਾ ਵਿਚੋਂ ਨੈਤਿਕ ਸਿੱਖਿਆ ਨਾਲ ਸੰਬੰਧਿਤ ਤਿੰਨ ਕਹਾਣੀਆਂ ਦਿੱਤੀਆਂ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਇਕ ਕਹਾਣੀ ਕਰਨੀ ਜ਼ਰੂਰੀ ਹੈ। ਇਸ ਦੇ ਅੱਠ ਅੰਕ ਹਨ। ਭਾਗ ਚੌਥਾ ਵਿਚੋਂ ਸਰਲ ਪੰਜਾਬੀ ਦਾ ਇਕ ਪੈਰਾ ਅੰਗਰੇਜ਼ੀ ਵਿਚ ਅਨੁਵਾਦ ਕਰਨ ਲਈ ਦਿੱਤਾ ਜਾਵੇਗਾ, ਜਿਸ ਦੇ ਚਾਰ ਅੰਕ ਹੋਣਗੇ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਉਪ-ਭਾਸ਼ਾ:
    (ੳ)   ਪੰਜਾਬੀ ਦੀਆਂ ਉਪ-ਭਾਸ਼ਾਵਾਂ: ਮਾਝੀ, ਮਲਵਈ, ਦੁਆਬੀ
    (ਅ)   ਪੰਜਾਬੀ ਦੀ ਟਕਸਾਲੀ ਭਾਸ਼ਾ

ਭਾਗ-ਦੂਜਾ

ਸਿੱਖ ਧਰਮ ਬਾਰੇ ਮੁਢਲੀ ਜਾਣਕਾਰੀ:
    (ੳ)   ਦਸ ਗੁਰੂ ਸਾਹਿਬਾਨ (ਜੀਵਨ ਤੇ ਸਿੱਖਿਆ)
    (ਅ)   ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ

ਭਾਗ-ਤੀਜਾ

ਨੈਤਿਕ ਸਿੱਖਿਆ ਨਾਲ ਸੰਬੰਧਿਤ ਕਹਾਣੀਆਂ: 'ਏਕਤਾ ਵਿਚ ਬਲ', 'ਅੰਗੂਰ ਖੱਟੇ ਹਨ', 'ਜਿੱਥੇ ਚਾਹ ਉੱਥੇ ਰਾਹ', 'ਲਾਲਚ ਬੁਰੀ ਬਲਾ ਹੈ' ਅਤੇ 'ਅੰਤ ਭਲੇ ਦਾ ਭਲਾ'

ਭਾਗ-ਚੌਥਾ

ਪੰਜਾਬੀ ਤੋਂ ਅੰਗਰੇਜ਼ੀ ਅਨੁਵਾਦ

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
Course Code: BPHC-3504
Punjab History & Culture (AD.1849-1947)
(Special Paper in lieu of Punjabi compulsory
for those students who are not domicile of Punjab)

Credit Hours /Week:- 4　　　　　　　　　　　　　　　　　**Total Marks: 50**
Total Hours:- 60　　　　　　　　　　　　　　　　　　　　**Theory: 37 Marks**
Time:- 3 Hours　　　　　　　　　　　**Internal Assessment: 13 Marks**

Instructions for the Paper Setters:
The question paper consists of five units: I, II, III, IV and V. Units I, II, III and IV will have two questions each. Each question carries 8 marks. The students are to attempt one question from each unit approximately in 800 words. Unit-V consists of 7 short answer type questions to be set from the entire syllabus. Students are to attempt any 5 questions in about 20 words each. Each question carries 1mark.
Note: The examiner is to set the question paper in two languages: English & Hindi.

Course Objectives: The main objective of this course is to provide knowledge of history and culture of the Punjab to the students who are not domicile of the Punjab. It intends to provide the information regarding the annexation of the Punjab by the British, their administrative, economicand social policies and their impact on the history and culture of the Punjab. It also aims to highlight the role of the Punjabis in the national movement.

Unit-I

Annexation of Punjab by the British.
British Administration (1849-58).

Unit-II

British Policy towards agriculture, industry, trade and commerce.
Spread of Modern Education.

Unit-III

Socio-Religious Reform Movements: Namdhari, Singh Sabha and AryaSamaj.
Gadhar Movement and JallianwalaBagh tragedy.

Unit-IV

Gurdwara Reform Movement.
Contribution to freedom struggle: Non-cooperation; HSRA and Quit IndiaMovement

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Suggested Readings:-

Fauja Singh, *History and Culture of the Punjab*, Part II, Publication Bureau, Punjabi University, Patiala,1987.

_____, *Freedom Struggle in the Punjab,* Publication Bureau, Punjabi University, Patiala,1974.

J.S. Grewal, *The Sikhs of the Punjab*, New Cambridge House, New Delhi, 2005.

Kushwant Singh, *A History of the Sikhs,*Vol.II (1839-1998), Oxford University Press, Delhi,1991.

SatyaM.Rai, *Heroic Tradition in the Punjab(1900-1947)*, Punjabi University, Patiala,1978.

P.N. Chopra, & M.N. Das, *A Social, Cultural & Economic History of India,*Vol.III,Macmillan India,1974.

K.C. Yadav, *Haryana Aitihasik Simhavalokan*, Haryana Sahitya Akademy,Chandigarh, 1991.

B. S. Saini, *The Social & Economic History of the Punjab 1901-1939*, EssEssPublications, Delhi, 1975.

S.C. Mittal, *Freedom Movement in the Punjab (1905-29)*, Concept Publishing Company,Delhi, 1977.

Course Outcomes:

After completion of the course, the students will be able to learn:

CO-1 History and culture of the Punjab under the British rule.CO-2 British administrative structure in the Punjab.
CO-3 British economic policies in the Punjab.
CO-4 Spread of education and socio-religious consciousness in the Punjab.CO-5 Role of the Punjab in the national movement.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
Computer Science
Course Code: CSC-351
Data Base Management System & Oracle

Time: 3 Hours   **Total Marks: 100**
Credit Hours (per week):2   **Theory Marks: 56**
Total Hours:60   **Theory Internal Assessment M: 19**
                                                    Practical Marks: 19
                                 Practical Internal Assessment M: 06

Note: 1. Medium of Examination is English Language.
      2. The question paper covering the entire course shall be divided into three sections.

Instructions for Paper Setters:
Section A: It will have question No.1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 6 questions. Each question will carry two marks with answer to each question up to 10 lines in length. The total weightage being **12 marks**.
Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks.The total weightage of this section shall be **22 marks.**
Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 6, 7, 8 and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks.The total weightage of this section shall be **22 marks.**

   Course Objectives:

1.	To provide a sound introduction to the discipline of database management as a subject in its own right, rather than as a compendium of techniques and product-specific tools.
2.	To provide a sound introduction to the discipline of database management as a subject in its own right, rather than as a compendium of techniques and product-specific tools

B.A. (12+3 System of Education) (Batch 2022-25)

UNIT-I

DBMS

Introduction to database management system, components of DBMS, ER. Diagrams, Data Description Language, Data Manipulation Language, SQL.
Data Models: Hierarchical Model, Network Model and Relational Model, Relational Databases.
Relational Algebra and Calculus Normalisation.
Database Security, Protection, Integrity, Recovery, Concurrency, Control, Decomposition.
Distributed Databases, Knowledge Base/Expert Systems and Object-Oriented Databases.

UNIT-II

Oracle 10g
SQL * PLUS

Introduction to Oracle 10,SQL - DDL, DML, DCL,Join methods & Sub query, Union, Intersection, Built in Functions, View Security amongst users, Sequences, indexing object features of Oracle 10.

PL/SQL

Introduction to PL/SQL,Cursors - Implicit & Explicit, Procedures, Functions & Packages.
Database Triggers.

References:
1. Desai B.C.: An Introduction to Database Systems, Galgotia Publishers.
2. Date C.J. An Introduction to Database Systems, Vol. I, Narosa Publishers.

Course Outcomes:

CO-1.	Gain ability to handle large volumes of structured, semi-structured, and unstructured data using database technologies.
CO-2.	Appreciate the need for DB approach and understand the components and roles of DBMS
CO-3.	Apply DB system development life cycle to business problems
CO-4.	Implement a set of relations in the chosen DBMS
CO-5.	Development and Administration using MySQL and to make students understand about to read and write files.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
COMPUTER SCIENCE
(Practical)

Credit Hours (per week):2
Total Hours:60
Time: 3 hours

Practical Marks: 19
Practical Internal Assessment M: 06

Practical based on Database System and Oracle

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
Economics
Course Code: BECO- 3520
Economics Of Development

Credit hours /week: 4	**Total Marks: 100**
Total hours: 60	**Theory: 75 Marks**
Time: 3 Hours	**Internal Assessment: 25 Marks**

Note: Instructions for the Paper–Setters/Examiners:

(i)   First question consisting of 8 short answer questions (based upon the entire syllabus), out of which 5 questions are to be attempted (each carrying 3 marks).
(ii) Students will attempt 1 out of 2 questions from each of four units (15 marks each).

Course Objective: The objective of this course is to understand the meaning and measurement of Economic Development, issues and theories related to Economic development and the role of capital formation, choice of technique and Economic planning in Economic development of a country.

UNIT–I

Economic Development: Meaning and Measurement, Economic and Non-Economic Factors, Nature of Underdevelopment, Characteristics of Undeveloped Countries. Human Development Index.
Dualism: Social and Technological Dualism, Lewis Model of Unlimited Supply of Labour, Problems of Unemployment and Disguised Unemployment.

UNIT–II

Models of Growth: Classical, Marxian, Schumpeter's, Harrod-Domar and Solow's Growth Models.

Unit-III

Rostow's Stage Theory, Strategies of Economic Development-Balanced vs. Unbalanced Growth; Theory of Big Push; Leibenstein's Critical Minimum Efforts Thesis, Export Promotion and Import Substitution.

UNIT–IV

Capital Formation – Meaning and Sources. Choice of Technique, Role of Planning in Under Developed Countries, Need, Objective, Strategy, Types and Problems of Planning.

Suggested Readings:

1. Rostow W.W.: Stages of Growth
2. G.M. Meier: Leading Issues in Economic Development.
3. MichealTodaro: Economic Development in the Third World.
4. Higgins: Economic Development: Theory and Politics
5. Meier, G.M.: Leading Issues in Economic Development, Oxford University Press, New Delhi, 1995.
6. Thirlwall, A.P.: Growth and Development, Macmillan, London, 1999.
7. Todaro, M.P.: Economic Development in Third World, Oxford University, London.
8. Yotopoulous, P.A. and Nugent, J.: Economics of Development, Harper and Row, New York.

Course Outcomes:

S. No	On completing the course, the students will be able to:
CO- 1	Understand the meaning, measurement and the determinants of Economic Development.
CO- 2	Understand the characteristics of underdeveloped countries and the concept of dualism
CO- 3	Analyse various growth models and strategies of economic development.
CO- 4	Discuss the concept of capital formation and choice of technique
CO- 5	Understand the need, objectives, strategies and problems of economic planning

B.A. SEMESTER–V
English (Elective)
Course Code: BEEN-3506

Credit hours /week: 6   **Total Marks: 100**
Total hours: 90   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setters and Distribution of Marks:
The question paper will consist of four sections and distribution of marks will be as under:
Section A: 20 Marks
Section B: 20 Marks
Section C: 15 Marks
Section D: 20 Marks

SECTION–A

Note: The students will be required to answer all the **ten** questions set as per the given pattern. The answer should be in about 5 lines each. Each question will be of 2 marks.

(10X2=20Marks)

1. Three questions from *A Raisin in the sun*
2. Three questions from *Dispelling the Silence*
3. Four questions from *A Background to the Study of English Literature* by B. Prasad.

SECTION–B

1. The students will be required to answer **TWO** out of the **THREE** references set from the book *A Raisin in the Sun.*   (2X5=10 Marks)
2. The students will be required to answer **TWO** short-answer questions out of **FOUR** set from the prescribed book, *A Background to the Study of English Literature*. Each answer should be written in about 10-15 sentences.   (2X5=10 Marks)

SECTION-C

1. The students will be required to answer **THREE** short-answer questions out of **FIVE**   set from the Short Stories*: Dispelling the Silence.* Each answer should be written in about 10-15 sentences.
(3X5=15 Marks)

SECTION–D

The examinees will be required to answer **TWO** questions with internal choice set as per the following
1. One essay type question with internal choice from *A Raisin in the Sun.*
2. One essay type question with internal choice from the short stories in *Dispelling the Silence.*
(2X10=20 Marks)

B.A. (12+3 System of Education) (Batch 2022-25)

Course Objectives:
1. To read, interpret and write about diverse range of texts in English
2. To understand those texts analytically and critically
3. To understand those texts on the basis of careful close reading
4. To participate in the critical and cultural discourses of English
5. To teach language and literature effectively with the support of ICT tools
6. To become competent, committed, conscious, creative, and compassionate men and women for and with others.
7. To train students to discern ethical principles and personal values in light of academic experience

Course Content:
1. *A Raisin in the Sun* by Lorraine Hansberry
2. *Dispelling the Silence* – Short Stories at Serial No. 1,2, 6, 7,10, 11,12
3. *Background to the Study of English Literature* by B. Prasad (Section –II Chapters-IV & V, Section –III Chapter-III)

Texts Prescribed:
1. *A Raisin in the Sun* by Lorraine Hansberry.
2. *Dispelling the Silence*
3. *Background to the Study of English Literature* by B. Prasad, Macmillan India Limited School and Movements

Course Outcomes:
The Teaching of this course enables the students to
1. Facilitate the understanding of American, African, Indian Canadian and Multicultural sensibilities by introducing the students to the literary works representing them.
2. Introduce the learners of the literature to the background study of English Literature.
3. Demonstrate the effective use of literary theory.

B.A. SEMESTER–V
Course Code: BEHI-3507
Elective Hindi

Credit hours /week: 6
Total hours: 90
Time: 3 Hours

Total Marks: 100
Theory: 75 Marks
Internal Assessment: 25 Marks

कोर्स का <u>प्रयोजन / उद्देश्य</u> (Course Objective)	कोर्स का <u>फलागम / परिणाम</u> (Course Outcomes)
• इस कोर्स का मुख्य उद्देश्य विद्यार्थी को हिन्दी साहित्य की लघु विधाओं संस्मरण तथा यात्रा–वृतांत की जानकारी देना है। • हिन्दी साहित्य के रीतिकाल की परिस्थितियों व प्रवृतियों तथा वर्गीकरण से परिचित करवाना है। • हिन्दी आलोचना के उद्भव, विकास तथा प्रसिद्ध आलोचक आचार्य रामचन्द्र शुक्ल के हिन्दी आलोचना में स्थान से परिचित करवाना है।	• इस कोर्स की समाप्ति पर विद्यार्थी को हिन्दी साहित्य में संस्मरण लेखिका महादेवी वर्मा तथा यात्रा–वृतांत–लेखक निर्मल वर्मा की रचना–प्रक्रिया का ज्ञान प्राप्त होगा। • विद्यार्थी संवत् 1700 से 1900 तक के साहित्य व समाज की प्रवृतियों का ज्ञान हासिल कर, परिपक्वता के साथ इस काल के संबंध में विचार प्रकट करने के योग्य होगा। • विद्यार्थी के प्रशासनिक शब्दावली के ज्ञान– भण्डार में वृद्धि होगी।

<u>अंक विभाजन तथा प्रश्न.पत्र निर्मांता के लिए आवश्यक दिशा.निर्देश :.</u>

प्रश्न पत्र निर्मांता द्वारा निर्धारित पाठ्यक्रम के अनुसार प्रत्येक खण्ड में से दो प्रश्न पूछे जाएंगे। कुल आठ प्रश्न पूछे जाएंगे। प्रत्येक प्रश्न के 15 अंक होंगे।

नोटः पारिभाषिक शब्दावली वाले प्रश्न में एक–एक अंक के कुल 15 शब्द दिए जाएंगे।

<u>परीक्षार्थी के लिए आवश्यक दिशा निर्देश :–</u>

परीक्षार्थी प्रत्येक खण्ड में से अनिवार्यतः एक प्रश्न का उतर देते हुए कुल पांच प्रश्नों का उतर देगा। पाँचवां प्रश्न किसी भी खण्ड में से किया जा सकता है। प्रत्येक प्रश्न के 15 अंक होगे। प्रश्नोत्तर पाँच पृष्ठों तक सीमित हो।

निर्धारित पाठ्यक्रम :

खण्ड – क

पाठ्य–पुस्तक :

मेरा परिवार (संस्मरण) : महादेवी वर्मा

  प्रकाशक : लोक भारती प्रकाशन, इलाहाबाद

(लेखिका का परिचय, सार, कथ्य, शिल्प तथा तात्विक समीक्षा संबंधी प्रश्न)

सैद्धान्तिकीः

संस्मरण : परिभाषा तथा तत्व

खण्ड – ख

पाठ्य–पुस्तक :

चीड़ों पर चाँदनी (यात्रा–वृत्तांत)ः निर्मल वर्मा

  प्रकाशनः राजकमल प्रकाशन, दिल्ली

निर्धारित यात्रा वृत–
ब्रेख्त और एक उदास नगर
रोती हुई मर्मेड का शहर
उतरी रोशनियों की ओर
सफ़ेद रातें और हवा
(लेखक का परिचय, सार, कथ्य, शिल्प तथा तात्विक समीक्षा संबंधी प्रश्न)
सैद्धान्तिकीः
यात्रा–वृत्तांत : परिभाषा तथा तत्व

खण्ड – ग

हिन्दी साहित्य का इतिहास :
     प्रकाशक : गुरु नानक देव विश्वविद्यालय, अमृतसर।
     निर्धारित विषय :
     रीतिकाल : परिस्थितियां, नामकरण, प्रवृत्तियाँ, वर्गीकरण
रीतिकालीन प्रमुख कवि केशव, बिहारी, घनानन्द : सामान्य परिचय

खण्ड – घ

हिन्दी आलोचना : उद्भव तथा विकास
हिन्दी आलोचना तथा आचार्य रामचन्द्र शुक्ल
परिभाषिक शब्दावली (सूची संलग्न है)
(क)   अंग्रेजी से हिन्दी

Accuse	अभियोग लगाना
Advertisement	विज्ञापन
Alphabetic Order	वर्णानुक्रमिक श्रेणी, कोटि
Appendix	परिशिष्ट
Annual Administrative Report	वार्षिक प्रशासकीय रपट
Assistant Superintendent	सहायक अधीक्षक
Attestation	साक्ष्यंकन, प्रमाणीकरण
Bonafide	सद्भावी, वास्तविक
Bacteriology	जीवाणु विज्ञान
Bail	जमानत, जामिन, प्रतिम्
Boundary	परिसीमा, सीमा, सीमांत
Certificate of fitness	आरोग्यापत्र
Circular	परिपत्र, गश्ती चिट्ठी
Commission	आयोग, कमीशन, दलाली, आढ़त
Contingencies	आकस्मिक व्यय
Custody	अभिरक्षा
Decentralisation	विकेन्द्रीयकरण
Defendent	प्रतिवादी
Deputation	शिष्टमंडल
Discretion	विवेकाधिकार
Emolument	उपलब्धि, पारिश्रमिक परिलाभ
Electrical Engineer	विद्युत अभियन्ता

Faculty	संकाय
Finance Committee	वित्त समिति
Foreign Currency	विदेशी मुद्रा
Gazetted Post	राजपत्रित पद
Grant	अनुदान
Geological Survey	भूविज्ञान सर्वेक्षण
Guardianship	संरक्षण
Honorary	अवैतनिक, मानद
Head Quarter	मुख्य केन्द्र, मुख्यालय
Hydrological data	जलविज्ञान संबंधी बातें
Identity Card	पहचान पत्र
Insignificant	उपेक्ष्य, तुच्छ
Judicial	अदालती, न्यायिक
Kinetise	गति सम्बन्धी
Ledger	खाता
Monopoly	एकाधिकार
Nationalization	राष्ट्रीयकरण
Offender	अपराधी

ख)   हिन्दी से अंग्रेजी

अग्रिमता	Priority Involuntary Unoptional
अनैच्छिक	Unintentional
अर्थशास्त्री	Economist
सीमा–शुल्क / सीमाकर	Custom Duty
इकाई	Unit
उत्तराधिकार	Inheritance, Succession
उन्मूलन	Abolition
उपर उद्धृत	Above noted, above quoted
एकरूपता / सारूपता	Uniformity, Identity
औपनिवेशिक	Colonical, Dominion
कर्मचारी तंत्र	Bureaucracy
ग्रंथ सूची	Bibliography
गणनीय	Computable, Calculable, Enumerable
घटक	Component, Constituent, factor
घोषणापत्र	Manifesto, Proclamation
चिकित्सक	Doctor, Physician
छात्रावास	Boarding House/Hostel
जन सर्म्पक	Public Relation
टंकण	Type Writing
टीकाकार	Interpreter, Annetator
दण्ड संहिता	Penal Code
द्विभाषिक	Bilingual
धन विनियोग	Investment
नगर निगम	Corporation

नैमित्तिक व्यय	Contingency
पृथक्करण	Separation
प्रधान कार्यालय	Head Quarter
पत्र व्यवहार	Correspondence
पदाधिकारी	Office Bearer
परिषद्	Council/Board
भरण–पोषण	Maintenance
मरणोत्तर	Posthumous
यथार्थता / विशुद्धता	Accuracy
यांत्रिक	Mechanical
राष्ट्रीयता	Nationality
लोकतंत्रात्मक	Democratic
विकेन्द्रीकरण	Decentralisation
वैज्ञानिक	Scientist
व्यायामशाला	Gymnasium
शपथपत्र	Affidavit

B.A. SEMESTER–V
Course Code: BPBI-3503
ਚੋਣਵੀਂ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫ਼ਤਾ: 06

ਕੁੱਲ ਘੰਟੇ: 90

ਸਮਾਂ: 3 ਘੰਟੇ

ਕੁੱਲ ਅੰਕ: 100

ਥਿਊਰੀ ਅੰਕ: 75

ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 25

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਮੱਧਕਾਲੀਨ ਕਾਵਿ ਨਾਲ ਜਾਣ-ਪਛਾਣ ਕਰਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਸਾਹਿਤ ਸਿਰਜਣ ਦੀਆਂ ਸੰਭਾਵਨਾਵਾਂ ਪੈਦਾ ਕਰਨੀਆਂ। • ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਦੇ ਹੋਰਨਾਂ ਅਨੁਸ਼ਾਸਨਾਂ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਦੇਣਾ। • ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਅਧਿਐਨ ਰਾਹੀਂ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਸ਼ਖ਼ਸੀਅਤ ਨੂੰ ਉਸਾਰਨਾ।	• ਵਿਦਿਆਰਥੀ ਸੰਸਾਰ ਪ੍ਰਸਿੱਧ ਨਾਇਕਾਂ ਦੀਆਂ ਜੀਵਨੀਆਂ ਤੋਂ ਪ੍ਰੇਰਿਤ ਹੋਣਗੇ। • ਵਿਦਿਆਰਥੀ ਇਤਿਹਾਸਕ, ਸਮਾਜਕ ਤੇ ਰਾਜਨੀਤਕ ਵਿਸ਼ਿਆਂ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਕੇ ਆਪਣੇ ਗਿਆਨ ਨੂੰ ਵਧਾਏਗਾ। • ਵਿਦਿਆਰਥੀ ਪੁਰਾਤਨ ਪੰਜਾਬੀ ਕਾਵਿ-ਰੂਪਾਂ ਦੀ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰਨਗੇ। • ਵਿਦਿਆਰਥੀ ਸਾਹਿਤ ਦੀ ਅਹਿਮੀਅਤ ਬਾਰੇ ਸਮਝਣਗੇ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹਨ। ਪ੍ਰੀਖਿਅਕ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ-ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75 + 25 = 100 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ (1700 ਈ. ਤਕ)

ਡਾ. ਗੁਰਸ਼ਰਨ ਕੌਰ ਜੱਗੀ ਤੇ ਡਾ. ਮਾਨ ਸਿੰਘ ਢੀਂਡਸਾ (ਸੰਪਾ.), ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2007.
ਹਰੇਕ ਕਵੀ ਦੇ ਪਹਿਲੇ ਪੰਜ-ਪੰਜ ਸ਼ਬਦ/ਬੰਦ/ਸਲੋਕ/ਪਦੇ/ਕਾਫ਼ੀਆਂ

ਭਾਗ-ਦੂਜਾ

ਗੌਤਮ ਤੋਂ ਤਾਸਕੀ ਤਕ

ਹਰਪਾਲ ਸਿੰਘ ਪੰਨੂ, ਲੋਕਗੀਤ ਪ੍ਰਕਾਸ਼ਨ, ਚੰਡੀਗੜ੍ਹ।
(ਨਿਬੰਧ ਦਾ ਸਾਰ/ਨਾਇਕ ਬਿੰਬ/ਵਾਰਤਕ ਸ਼ੈਲੀ)

ਭਾਗ-ਤੀਜਾ

ਸਾਹਿਤ ਅਤੇ ਹੋਰ ਅਨੁਸ਼ਾਸਨ:
ਸਾਹਿਤ ਦੇ ਤੱਤ, ਸਾਹਿਤ ਅਤੇ ਸਮਾਜ, ਸਾਹਿਤ ਅਤੇ ਸ਼ਖ਼ਸੀਅਤ, ਸਾਹਿਤ ਅਤੇ ਸਭਿਆਚਾਰ, ਸਾਹਿਤ ਆਲੋਚਨਾ

ਭਾਗ-ਚੌਥਾ

ਛੰਦ ਰੂਪ:
ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਲੱਛਣ: ਦੋਹਿਰਾ, ਸੋਰਠਾ, ਕਬਿੱਤ, ਕੋਰੜਾ, ਚੌਪਈ, ਸਿਰਖੰਡੀ, ਬੈਂਤ

B.A. SEMESTER–V
Course Code: BFAA-3509
Fine Arts
Paper-A: History of Modern Movement in Europe (Theory)

Credit hours /week: 2   **Total Marks: 100**
Total hours: 30   **Paper A:Theory Marks: 35**
Time: 3 Hours   **Paper B and C: Practical Marks: 20+20 = 40**
                                         Internal Assessment Marks: 25

Note: Instructions for the Paper Setters:
   (a) 35 Marks for the theory paper and 20 marks for each practical
   (b) The question paper will cover the entire syllabus.
   (c) Questions should be based on world famous paintings and sculptures whose slides are easily available.
   (d) Question paper should cover the syllabus uniformly.
   (e) The paper setter should set the paper in two sections, A and B.
   (f) The division of the marks will be as under.
Section-A: 10 marks for 10 objective questions. Each question carries 1 mark.
Section-B: 25 marks for 5 questions. The examiner will set 8 questions. The candidate will attempt 5 questions of 5 marks each.
Course Objectives:
   1. The course is an introductory paper intending to make students understand trends in art due to the French revolution.
   2. To make the history of modern movements in Europe more fascinating by using magazines, books, photographs and videos.
   3. To enable students to relate the foundational past with the modern era.
   4. Help to understand the role of society, culture and technologies in bringing change in art.

Unit-I
- **IMPRESSIONISM:**
    (A) Monet
    i.   Impression Sunrise
    ii. Rouen Cathedral.
    (B) Renoir
    i.   The Umbrellas
    ii. Lunch on the boat.

Unit-II
- **POST IMPRESSIONISM:**
    (A) Cezanne
    i.   Card players
    ii. Still life with apples
    (B) Van Gogh
    i.   Starry night
    ii. Sunflowers

Unit-III

- **EXPRESSIONISM:**
  - **(A) Munch**
  - i. Cry
  - ii. Dance of life
  - **(B) Kandinsky**
  - i. Blue mountain
  - ii. Improvisation 30
  - **CUBISM:**
  - **(A) Picasso**
  - i. Les Demoiselles D' Avignon
  - ii. Guernica
  - **(B) Braque**
  - i. Still life
  - ii. The Portuguese

Unit-IV

- **SURREALISM:**
  - **(A) Salvador Dali**
  - i. Persistence of Memory
  - ii. Burning Giraffe
  - **(B) Max Ernst**
  - i. Celebes
  - ii. Europe after rain

Suggest Readings:
1. Adhunik chitrakala kaitihaas; Publisher- Anurag book dist; Author- R.V. Shakhalkar.
2. Impressionism; Publisher- Taschen Gmbh;Illustrated edition Pvt. Ltd; Author- Karin H. Grimme.
3. Cubism; Publisher- Parkston press Lid; Illustrated edition; Author- Guillaume Apollinaire & Dorothea Eimert; Year- 31 May 2010.
4. A History of Modern Art; Publisher- Pearson prentice Hall, New jersey ; Author- H.H. Arnason; Year-2004.
5. Twentieth century printers: from cubism to abstract art translated by A. Roisn; Publisher- Universe books; Author- Bernard Dorival.

Course Outcomes:
1. Study modern movements which help them in studying changes in art and society due to industrial revolution till the French revolution in Europe.
2. Study through available sources in the department like magazines, books, photographs and video's, the history of modern movements in Europe
3. Study how the history provides means by which we can understand our human past and its relationship with our present.
4. Learn the rich past history which help them in understanding where do they stand today.
5. Learn about past societies, systems, ideologies, government, culture and technologies and how they were built, operated and changed.

B.A. SEMESTER–V
Course Code: BFAB-3509
Fine Arts
PAPER: B– LANDSCAPE PAINTING (PRACTICAL)

Time: 5 Hrs.
Total Hours: 30 hrs.   **Paper B Marks: 20**
                                                Credit Hours (per week): 2 hrs.

Course Objectives:

1. It enables students to capture perspective and space in natural landscapes.
2. It aims to give better understanding to students of elements and principles of art.
3. Students learn the art of aesthetics while imitating nature.
4. It aims to improve the creative skills of students while doing landscape.

Arrangement of shape based on subjects like human forms and animal forms. In a landscape setting emphasis should be given on perspective, Colour and its application in harmony.

Medium: Any medium

Size: ½ Imperial

Candidates will submit:-

   (i) 5 sheets of each paper

   (ii) Sketch book containing 50 sketches.

Course Outcomes:

1. Study the development and formation of landscape in the open air which enables them to capture space in front of them on canvas.
2. Learn the depiction of natural scenery such as mountains, valleys, trees, rivers, forests etc. while learning the elements of art arranged in coherent composition.
3. Represent or replicate the nature's beauty on their canvas.
4. Learn various aesthetic elements like light, colour, texture etc. to learn landscape
5. Have knowledge of perspective

B.A. SEMESTER–V
Fine Arts
Course Code: BFAC-3509
Paper: C–Full Life Drawing (Practical)

Total Hours: 30 hrs.   **Paper-C: Marks: 20**
Time: 5 Hrs.   **Credit Hours (per week): 2 hrs.**

Course Objectives:
1. The paper aims to introduce the students to draw line models with the help of principals of art.
2. Students become familiar with foreshortening techniques while drawing live models.
3. The course enables students to learn how to capture the exact character of a model.
4. It enables students to observe different elements of the human figure and introduce them into a whole unit.
5. It enhances hand eye coordination and observational skills.

Rendering of full life study should be done in any medium. Emphasis should be given to structure, volume, proportion, tones and texture in monochromatic Colour.
Medium: Any medium
Size: ½ Imperial
Candidates will submit:-
    (i) 5 sheets of each paper
    (ii) Sketch book containing 50 sketches.

Course Outcomes:
1. Understand the shapes and depth, light and shadow in living model.
2. Create live painting full of character.
3. Learn the techniques of foreshortenings.
4. Learn about the human figure and the movement of different body parts together as one whole unit.
5. Improve their hand-eye coordination and observational skills

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
Geography
Course Code-BGEO-3519
World Geography
(Theory)

Credit hours (per week): 4   **Max. Marks: 100**
Total hours: 60   **Theory Marks: 45**
Time: 3 Hours   **Practical Marks: 30**
                                                                        Internal Assessment: 25

Instructions for the Paper Setters:
A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt any 5 questions in about 20–30 words each. Each question will carry 1 mark (Total 5 marks).
The whole syllabus will be divided into 4 units. Eight questions will be set out of the whole syllabus, 2 from each unit. The students will be required to attempt one question from each unit. Each question carrying 10 marks. These will be in addition to the compulsory question at Serial Number 1 (Total 40 marks).
Special credit will be given to suitable use of maps and diagrams.

Course Objectives:
Students will understand global and regional pattern of cultural, political and economic institutions. To know salient problem and prospect of developing and developed countries. To understand the human resources development and its distribution.
Study of the following regions of the World in terms of the aspects mentioned in each unit.

UNIT–I
Anglo America
Location, physiographic divisions, Drainage and climate. Natural Vegetation. Agricultural crops, Demographic characteristics.

UNIT–II
Asia
Location, physiographic divisions, Drainage and climate. Natural Vegetation. Agricultural crops, Demographic characteristics.

UNIT–III
Africa South Of Sahara
Location, physiographic divisions, Drainage and climate. Natural Vegetation. Agricultural crops, Demographic characteristics.

UNIT–IV

Europe

Location, physiographic divisions, Drainage and climate. Natural Vegetation. Agricultural crops, Demographic characteristics.

Books Recommended:

Blij, Harm J.de Peter, O. Muller: Geography: Regions and Concepts, John Wiley, New York, 1993.
English, Paul Ward & James, A. Miller: World Regional Geography: A Question of Place, John Wiley, New York, 1989.
Jackson, Richard H. & Lloyd E. Hudman: World Regional Geography Issues for Today, John Wiley, New York, 1991.
Kromm, D.E.: World Regional Geography, Saunders Publishing, New York, 1980.
Further Readings:
Don R. Hoy (Ed.): Essentials of Geography and Development, Macmillan, New York, 1980.
Mankoo, Darshan Singh: A Regional Geography of the World, KalyaniPublishers, Ludhiana.
Singh, Malkiat : World Regional Geography, Rasmeet Prakashan, Jalandhar, (Pb.)
Trikha, R.N. and Bali P.K. and Sekhon, M.S.: World Regional Geography, New Academic Publishers, 2002.

Course outcomes:	
Sr.No.	On completing the course, the students will be able to:
CO-1	Understand the location, physiography, drainage and vegetation of the world.
CO-2	Understand the human resources development and distribution.
CO-3	Evaluation the natural resources and industries and its importance.

B.A. SEMESTER–V
Geography
Course Code-BGEO-3519
Map Projections
Practical

Credit hours (per week): 2　　　　　　　　　　　　　**Max. Marks: 30**
Total hours: 20　　　　　　　　　　　　　**Written Paper: 15 Marks**
Time: 3 Hours　　　　　　　　　**Practical Record (File): 08 Marks**
　　　　　　　　　　　　　　　　　　　　　　　　　Viva:07 marks

Instructions:
There will be total four questions (two questions each from Unit-I and Unit-II).
The students are required to attempt one question each from both the units.
All Questions carry eight marks.

Course Objectives:
Students will develop the skill to draw latitudes and longitudes Compute to draw different projections. To gain knowledge about shape and size of the earth.

UNIT–I
General introduction and classification of projections, constructions, properties, limitations and use of projections, Construction, properties and limitations of following map projections: Cylindrical: Equal- Area and Mercator's.

UNIT–II
Construction, properties and limitations of following map projections: Conical: One Standard conic, Two standard conic, Bonne`s, Polyconic

Note:
    A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt 6 short answer type questions in about 25–30 words each. Each short answer type question will carry ½ mark **(Total 3 marks).**

The whole syllabus will be divided into 2 units. Eight questions will be set out of the whole syllabus, four from each unit. The students will be required to attempt two questions from each unit. Each question will carry 3 marks. These will be in addition to the compulsory question at serial number one**. (Total 12 marks)**
Evaluation of Practical record will be done at the time of viva–voce examination. A minimum of 12 sheets are to be prepared by the students in each semester.
In case the candidate has applied for the improvement, he/she should be required to make a fresh practical note book.

Books Recommended:

Kellaway, George P.: Map Projections, Methue and Co., London.

Singh, Gopal: Mapwork and Practical Geography, Surjeet Book Depot, Delhi, 1993.

Singh, Malkiat: Cartography, Rasmeet Prakashan, Jalandhar, 2006.

Singh, L.R: Practical Geography, Chaitanya, Publishing House, Allahabad, 2006.

Course outcomes	
Sr. No.	**On completing the course, the students will be able to:**
CO-1	Development of the skill to draw projections.
CO-2	Understand the shape and size of the earth.
CO-3	Understand the concept of longitude and latitudes

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B.A. SEMESTER–V
History
Course Code: BHIS-3510
History of the World (A.D. 1500-1956)

Credit hours /week: 4   **Total Marks: 100**
Total hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25**
Marks

Instructions for the Paper Setters:
Section–A: The examiner will set 8 questions from entire syllabus and the candidate will attempt 5 questions carrying 3 marks each. Answer to each question shall be in about 100 words. The total weightage of this Section will be 15 marks.

Section–B: The examiner will set 8 questions, two from each Unit. The candidate will attempt 4 questions selecting one from each Unit in about 1000 words. Each question will carry 15 marks. The total weightage of this Section will be 60 marks.

Important Note: Paper Setter must ensure that questions in **Section–A** do not cover more than one point, and questions in **Section–B** should cover at least 50 per cent of the theme. **The Paper Setter is to set the question paper in three languages i.e. English, Punjabi & Hindi.**

Course Objectives: The course is designed to know the major trends of the modern world such as renaissance, reformation and enlightenment which turned the middle age into the modern age. It aims at acquainting the students with the French revolution which brought new ideas of liberty, equality and fraternity. It also intends to discuss important happenings in the world such as nationalism, imperialism, world wars I & II, formation of League of Nations and UNO, Cold War and NAM.

Unit–I
Emergence of the Modern World: Renaissance and Reformation; Causes, Effects of Renaissance in Europe; Luther's Protestantism
French Revolution (1789): Causes; National Assembly; National Convention; Napoleon's rise to Power; Civil Works and Codes; Continental System, Downfall of Napoleon, Vienna Settlement (1815)

Unit–II
Rise of Nationalism in Europe: Rise of Economic Imperialism, Impact of Industrial Revolution, Unification of Italy (1871), Unification of Germany (1871)
The World War-I: (1914-18): Rise of Imperialism, Causes of World War-I, Course of the War, Treaty of Versailles and League of Nations.

Unit–III
Russian Revolution (1917): Causes; February Revolution (1917); October Revolution (1917); New Economic Policy
Rise of China and Japan: The Revolution of 1911; Rise of Communism in China; the Revolution of 1949; Opening up of Japan; Meiji Restoration and the Modernization of Japan

Unit–IV

Rise of USA as World Power: Entry in the First World War; 14 Points of President Wilson; New Deal of Roosevelt

Causes and Results of World War II (1939-45): Fascism in Italy; Nazism inGermany; Course of World War II; The USA and World War II; the UNO; the Cold War; NATO and the Warsaw Pact

Readings:

H.A Davis,*An Outline History of the World*, OUP, London,1964.

K. Leo Gershey,*French Revolution &Napoleon*, Central Book Depot, Allahabad, 1973.(Reprint)

J Grant,Harold Temperley, *Europe in the Nineteenth and twentieth Centuries (1789-1950),* Longman, London, 1932.

K.L. Khurana, *World History (1453-1966 A.D),* Lakshmi NarianAgarwal, Agra, 1994. David S.Mason, *A Concise History of Modern Europe: Liberty, Equality, Solidarity,* Orient Blackswan, New Delhi, 2012.

SaiIendra Nath, *Europe and the World from Renaissance to the Second World War,*New Central Book Agency, Kolkata, 2013.

L.S.Stavrianos, *The World Since 1500*, Prentice Hall of India, Delhi, 1965

A.J.P. Taylor, *The Origins of the Second World War,* Penguin Books, London.David Thompson, *Europe since Napoleon,* Penguin Books, London,1990.

R.S. Chaurasia, *History of Europe*, 4 Vols, Atlantic Publication, New Delhi, 2012.

Course Outcomes:

After completion of the course, the students will be able to learn:

CO-1 Know various events of the Western world such as renaissance, reformation and enlightenment which brought awakening in the world.

CO-2 Understand and explain the basic concepts of liberty, equality and fraternity. CO-3 Understand the concepts of individualism, humanism, liberalism, nationalism, socialism and Marxism.

CO-4 World wars I & II and their effects.

CO-5 Role of UNO in political social and economic spheres.

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B.A. SEMESTER–V
Mathematics
Course Code: MAT-351A
Paper–I: Dynamics

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 38 Marks**
Time:- 3 Hours   **Internal Assessment: 12 Marks**

Instructions for the Paper Setters:
1.The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of seven compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
4. Teaching time for this paper would be six periods per week.

Course Objectives:
To understand the motion of particles in a straight line with constant acceleration.
To get familiar with Newton's laws of motion.
To understand the curvilinear motion, simple harmonic motion and the concept of work, power and energy.

Unit–I
Rectilinear motion in a straight line with uniform acceleration, Newton's laws of motion. Motion of two particles connected by a string.
Unit-II
Motion along a smooth inclined plane. Variable acceleration. Simple Harmonic Motion.
Unit–II
Curvilinear motion of particle in a plane, Definition of velocity and acceleration, projectiles. Oscillations: Free Vibrations, Simple Pendulum, Conical Pendulum.
Unit-III
Work, Power and Energy: Kinetic and Potential energy, Conservative forces. Theorem of conservation of energy. Work done against gravity.

Books Prescribed:
1. S.R.Gupta: A text book of Dynamics
2. F. Chorlton: Dynamics.
3. S.L. Loney: An Elementary Treatise on the Dynamics of a Practice and of Rigid Bodies, Cambridge University Press, 1956.

Course Outcomes: On successful completion of this course, students will be able to :
Handle the problems based on rectilinear motion.
Use Newton's laws of motion in numerical problems.
Deal with problems based on variable acceleration.
Use concepts of work, power and energy to solve practical problems.

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B.A. SEMESTER–V
Mathematics
Course Code: MAT-351B
Number theory

Credit Hours /Week:- 4   **Total Marks: 50**
Total Hours:- 60   **Theory: 37 Marks**
Time:- 3 Hours   **Internal Assessment: 13 Marks**

Instructions for the Paper Setters:

 The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
The Section–A will consist of seven compulsory questions, each of one mark.
The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
Teaching time for this paper would be six periods per week.

Course Objectives:
Number theory is a branch of pure mathematics devoted primarily to the study of integers and integer-valued functions.
Number theory have countless applications in mathematics as well in practical applications such as security system like in banking securities, coding theory, barcodes and memory management systems.
The content of this course is designed to make the students understand the various types of numbers and their properties, various arithmetic functions, the concept of congruences to solve various arithmetic problems, G.C.D. and L.C.M. of numbers and the relation of linear Diophantine equations and congruences

Unit–I
Preliminaries: Proof by induction, Binomial Theorem. Divisibility in Integers: Basic Definitions and Properties, The division Algorithm, GCD, The Euclidean Algorithm, LCM, Existence and determination of solution to the linear Diophantine equation $ax + by = c$, primes-definition & Properties, the fundamental theorem of Airthmetic.

Unit-II
Number-theoretic functions: the greatest integer function, Euler's Phi-function, Sum & number of divisors functions, Mobius function & the Inversion formula.

Unit–III
Congrunces-definition and properties, linear congruences, existence & solution of the linear congruence, $ax \equiv b \pmod{m}$, Complete and reduces residue systems, Chinese remainder theorem.

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Unit-IV

Fermat's theorem, Euler's theorem, Pseudoprimes Wilson;s theorem. Application to Cryptpgraphy- Factorization methods due to Fermat, RSA.

Books Prescribed:
1. D. Burton: Elementary Number Theory, Sixth Edition, McGraw-Hill. (Scope inChapters 2-5, 7-12), 2005.
2. Niven and Zuckerman: An Introduction to Number Theory, Wiley 1972.
3. Tom M. Apostol, An introduction to Analystical Number Theory, Springer-Verlag, UTM.

Course Outcomes: On completing the course, the students will be able to:

Know about some fascinating discoveries related to properties of prime numbers.

Interpret the concept of divisibility and fundamental theorem of Arithmetic.

Have knowledge about applications such as security system like in banking securities, coding theory, barcodes and memory management systems.

Understand the various types of numbers and their properties, various arithmetic functions.

Understand concept of G.C.D. and L.C.M. of numbers and the relation of linear Diophantine equations and congruences will help to solve various arithmetic problems.

B.A. SEMESTER–V
Music (Vocal)
Course code: BMUV-3517-A
(THEORY)

Credit hours /week: 2   Total Marks: 100
Total hours: 30   Theory: 35 Marks
Time: 3 Hours   Practical Marks: 40
                                             Internal Assessment: 25 Marks

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.
The paper setter should set the paper into two sections A and B.
Section –A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.
Section-B: The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.

Program Objective: To provide the knowledge of different singing style of music. To enhance the knowledge of various aspects of music. To clear the theoretical terms of talas.

Section-A
Historical Development of Indian Music during ModernPeriod
Development of Indian Notation System and its merits and demerits.
Short notes on the following:
Thumari   b.Tappa   c.Chaturang

Section-B
Detailed knowledge of folk music of Punjab.
Life and Contribution of the following Musicians:
Dalip Chander Bedi   b.   Surinder Kaur
Section-C
Detailed description and notation of the following Ragas:
Darbari   b.Bhairav   c.Kedar

Description and Notation of the following Talas:
Deepchandi   b.   Tilwara
Section-D
Classical Gayan Shaillies used in Gurmat Sangeet.
Essay writing on the following topics
Kanth Sadhna (Voice Culture)   b.   Devotional Music

Books Recommended:

Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.
Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.
Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.
Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.
Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978
Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.
Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991
Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

Get knowledge on different style of singing.
Explain the structure of talas and ragas.
Get knowledge onGurmatsangeet and its various style of singing

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B.A SEMESTER-V
Music (Vocal)
Course code: BMUV-3517-B
(PRACTICAL)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

Time: 20 minutes for each student:

1. One Drut Khayal in each of the following Ragas with simple Alaps and Tanas: Darbari, Kedar, Bhairav.

2. One Vilambit Khayal in any of the Ragas prescribed in the course with simple Alaps and Tanas.

3. Brief Knowledge of Non-Detailed Ragas: Adana, Kamod and Jog.

4. One Gazal.

5. One Chaturang or Trivat in any Raga of Your Choice.

6. Ability to recite Deepchandi and Tilwara showing Khali Tali with handmotion in Ekgun, Dugun Layakaris.

7. Ability to play theka of Jhap Taal on Tabla.

8. Ability to play five alankars on the Harmonium based on the Asawari Thata.

B.A. SEMESTER-V
Music (Instrumental)
Course code: BMUI-3518-A
(Theory)

Credit Hours (per week): 2   **TotalMarks:100**
Total Hours: 30   **Theory Marks:35**
Time:3Hours   **Practical Marks:40**
                                                                    Internal Assessment : 25

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.
The paper setter should set the paper into two sections A and B.
Section –A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.
Section-B: The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.

Program Objective: Introduction of time theory of Indian music, avirbhav and tirobhav raga aspects and how-to great musicians played their instrument and different method ragas and tala.

Section-A
Development of Indian Music during modern period.
Comparative study of Avirbhava & Tirobhava with illustrations.
Section-B
Relevance of time theory in Music.
Life & Contribution of the following Musicians.
Ustad Bismillah Khan (Sehnai)
Mahant Ghaja Singh (TausVadak)
Detailed study of classification of Indian Musical Instruments.
Interrelation between folk & classical Music

Section-C
Detailed description of prescribed Ragas Darbari Kanra, Bhairavi (with Notations).
Knowledge of the following Ragas:- Asavari, Bhairav.
Section-D
Detailed knowledge of following Talas:- Deepchandi & Tilwara.
Study of Kirtan Chowkies in Gurmat Sangeet.

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Books Recommended:

1. Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2. Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.

3. Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.

4. Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.

5. Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6. Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.

7. Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991

8. Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Learn to play raga and instruments
CO-2. Understand the time theory of music

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B.A. SEMESTER–V
Music (Instrumental)
Course code: BMUI-3518-B
(Practical)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

1.   Ability to play Ten Alankars on any instrument in the Swaras of Asawari That.

2   One Masitkhani in any Raga prescribed in your course, Darbari Kanra, Bhairavi.

3   Brief knowledge of following non-detailed Ragas Asavari, Bhairav.

4.   Ability to recite on hand Deepchandi & Tilwara Tal with single and Double Layakaries.

5.   Ability to play Jhap Tal on Tabla.

6.   One Razakhani Gat in each Ragas Prescribed in your course.

7.   Ability to play one Gat in Ektal in any Raga prescribed in your course.

8.   Ability to sing National Anthem with any Instrument.

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B.A. SEMESTER–V
Course Code: BPED-3515
Physical Education

Credit Hours (per week): 4   **TotalMarks:100**
Total Hours: 60   **Theory Marks:45**
Time:3Hours   **Practical Marks:30**
                                                         Internal Assessment: 25

Instructions for the Paper Setters:

Part A: Set 5 questions of very short answer type questions selecting at least one from each section. All questions are compulsory. Each question carries 2 marks.   (5×2 Marks =10 Marks)

Part B: Divided into 4 sections. Set 10 questions of long answer type questions, selecting two from each section. Each question carries 5 marks.   (7×5 Marks=35 Marks)

Instructions for the candidates:

Part A: All questions are compulsory. Each question carries 2 marks.   (5×2 Marks =10 Marks)

Part B: Candidates have to attempt 7 Questions out of 10.

Each question carries 5 marks.   (7×5 Marks=35 Marks)

Course Objective:

- **To teach students to relieve daily stress through recreational activities.**
- **To impart knowledge of various body movements and role of muscle contraction.**
- **To guide students about various types of correct posture and their remedies in case of any deformity.**
- **To teach about basics of sports training.**

Section A

1. Meaning and Importance of Recreational Games.
2. Aims and objectives of recreation Games.
3. Intramural and Extramural Sports Competitions and their Importance.

Section B

4. Muscular contraction: Eccentric, Concentric, Motor unit, Isotonic, Isometric, Isokinetic.
5. Laws of motion, Lever and its types, Equilibrium, Its types and Laws, Centre of Gravity, Force and its types.

Section C

6. Posture: Meaning and Types of postures.
7. Postural-Deformities: Kyphosis, Lordosis, Scoliosis, Round Shoulders, Flat- Foot and Knock-Knees, Their Causes and Corrective Exercises.
8. Meaning and Aims of Sports Training.

Section D

9. Define Training load and principles of training load?
10. Meaning and Importance of Warming up and Cooling down in sports.
11. General and Specific conditioning.

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B.A. SEMESTER–V
Physical Education (Practical)

Practical (External) Marks: 30

Athletics Performance ------------ 800 M, Triple Jump for Boy: 6 marks
Games (Boys & Girls) ---------- Fundamentals, Rules, Performance
Basketball, Judo: 6 marks
Viva : 6 marks
Practical file: 6 marks
Specific game performance : 6 marks

Suggested Readings:

- Singh Kanwaljeet and Singh Inderjeet: Sports Sociology, Friends Publication, New Delhi 2000.
- Tandon D.K. et.al,: Scientific Basis of Physical Education and Sports, Friends Publication New Delhi, 2001.
- Singh Ajmer and Gill Jagtar: Essentials of Physical Education and Olympic movement, Kalyani Publishers, Ludhiana, 2004.
- Kang G.S.,: Anatomy, Physiology and Health Education, Publication Bureau, Punjabi University Patiala 2000.
- Kang G.S. and Deol, N.S.: An Introduction to Health and Physical Education 21st Century, Patiala, 2008.

Sr. No.	On completing the course students will be able to:
CO1	Become aware about how to relieve stress through recreation
CO2	Know various body movements through muscle contraction
CO3	Understand the concept of postural deformities and its remedial measures
CO4	Get knowledge on basics of sports training components

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
Political Science
Course Code: BPOL-3513
Comparative Political Systems (UK & USA)

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The aim of the course is to provide knowledge about the political structures of UK and USA; enable the students to identify similarities and dissimilarities between the Political systems of UK and USA; to inculcate comparative skills among the students which would be useful for theory building.

UNIT – I
1. Comparative Government and Politics: Meaning, Nature and Scope.
2. Systems Approach: David Easton, Almond and Powell.

UNIT – II
3. Features of British Political System.
4. Features of US Political System.
5. Executive in UK: Monarchy, Prime Minister and Council of Ministers-Powers, Position and Role.
6. Executive in US: President; Powers, Position and Role.

UNIT- III
7. Legislature in UK & US: Composition, Powers, Functions and Role.
8. Judicial System in UK and US: Composition, Powers, Functions and Role.
9. Judicial Review in US and Rule of law in UK.

UNIT- IV

10. Unitary v/s Federal System in UK and US.
11. Political Parties in UK (Conservative Party & Labor Party) and US (Democratic Party & Republican Party) Nature and Role.
12. Pressure Groups in UK and US: Nature and Role.

Books Recommended:

1. A. C. Kapur, *Selection Constitutions,* New Delhi: S. Chand, 2006.
2. G. A. Almond, *Comparative Politics Today: A World View,* New Delhi: Pearsons, 2006.
3. J.C. Johari, *New Comparative Government,* New Delhi: Lotus Press, 2006.
4. K.R. Bombwall, *World Constitutions,* Amballa: Modern Publishers, 1980.
5. Vishnoo Bhagwan, *World constitution,* New Delhi: Vidya Bhushan Sterling Publisher.
6. Kopstein J. and M. Lichbach (eds.), *Comparative Politics: Interests, Identities and institutions in a Changing Global Order,* Cambridge University Press, 2005.
7. M.V. Pylee, *Select Constitutions of the World,* New Delhi: Universal Law Publishers, 2006.
8. Ritzer, G. *Globalisation and Related Process, Imperialism, Colonialism. Development, Westernization, Eesternization; in Globalisation: A Basic Text*, Londen: Wiley Blackwell, 2002.
9. Rod Hague and Martin Harrop, *Comparative Government and Politics,* New Delhi: Palgrave Macmillan, 2007.
10. S.N. Ray, *Modern Comparative Politics: Approaches, Methods and Issues,* New Delhi: PHI, 1999.

Course Outcomes:

CO-1 Enables the students to understand the structures and working of international political institutions.
CO-2 Helps the students to understand the power dynamism among the states.
CO-3 Awares the students about the global concerns like terrorism, climate change etc.
CO-4 Awares the students about global cooperation and conflicts.
CO-5 Helps them to look for employment opportunities in the subject.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
Psychology
BPSY-3511
Abnormal Psychology–I
(Theory)

Credit Hours (per week):4   **Max. Marks: 100**
Total Hours: 60   **Theory: 50 Marks**
Time: 3 Hours   **Practical: 25 Marks**
                                                                   Internal Assessment: 25 Marks

Instructions for the Paper Setters:

Section A: This section will consist of ten short answer type questions, each carrying 2 marks. All questions will be compulsory. Answer to each question shall be in 50 words approximately. The total weightage of this section shall be 20 marks.
Section B: This section will consist of six questions. Candidates shall attempt any three questions. Each question carries 10 marks.
Note: The use of Non–Programmable calculators and Statistical Tables are allowed in the examination.

Course Objectives:
This course will impart the knowledge about criteria, theoretical perspectives and antecedents of abnormal behavior. Students will get familiarity about research methods and ethical considerations appropriate for the study of abnormal psychology. Students will attain a better orientation to cope with stressors after knowing the unique ways to tackle with stressful situations. Abnormal behaviors due to substance related disorders will also be studied to treat addicts effectively.

UNIT-I
Abnormality: Concept and Criteria of Abnormality. Myths and Misconceptions regarding Abnormal Behavior, DSM-V: Classification of Abnormal Behavior-Advantages and disadvantages

Brief overview of Theoretical Perspectives of Psychopathology: Psychoanalytic, Cognitive, Behavioral, Humanistic and Interpersonal (Sullivan).

Causes of Abnormal Behavior: Primary, Predisposing, Precipitating, Reinforcing. Biological Causes– (Genetic defects, constitutional liabilities, Brain dysfunctions and Physical deprivation), Psycho-Social Causes– (Self-perception and cognitive maps, early deprivation, inadequate parenting, pathogenic family structures, maladaptive peer relationship), Socio-Cultural Causes–
(Socio-Cultural Environment and Pathogenic societal influences).

UNIT-II

Stress & Coping: Categories of Stressors, Factors predisposing an individual to stress, Coping Strategies.

Stress Related Disorders: Coronary Heart Disease (CHD), Hypertension, Ulcers, Migraine and Pain- Symptoms, causes and general treatment of stress related disorders.

UNIT-III

Alcoholism: Misconceptions about Alcohol & Alcoholism, Clinical Picture, Causes, Treatment & Outcomes.

Drug Addiction: Clinical Picture, Causes and Treatment of Opium and its Derivatives, Sedatives (Barbiturates), Stimulants (Amphetamines & Cocaine), Hallucinogens (LSD & related drugs) Marijuana, Caffeine & Nicotine.

Suggested Readings:
1. Alloy, L.B., Riskind, J.H., & Manso, M.J. (2006), *Abnormal Psychology*: *Current Perspectives*. New Delhi: Tata McGraw Hill Publishing Company.
2. Carson, R.C., Butcher, J.N., & Mineka, S. (1997). *Abnormal Psychology and Modern Life*. New York: Harper Collins.
3. Davison, G.C., & Neale, J.M. (1998). *Abnormal Psychology*. New York: John Wiley and Sons.
4. Hooley, J. M., Butcher, J. N., Nock, M., & Mineka, S. (2017). *Abnormal psychology* (17th ed.). Pearson.
5. Sarason, I.G., & Sarason, B.R. (1996). *Abnormal Psychology*. New Delhi: Prentice Hall of India.
6. Singh, A. (1994). *Asadharan Manovigyan*. Punjabi University, Patiala: Publicaiton Bureau.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	Uncover major issues and scientific principles underlying abnormal human behavior
CO2	Acquire psychosocial, biological and socio-cultural perspectives of abnormal behavior
CO3	Gain knowledge about the general psychological problems

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
Psychology
BPSYP-3511
Abnormal Psychology–I
(Practical)

Credit Hours (per week): 2   **Marks: 25**
Total Hours: 20

Instructions for the Practical Examination:

Students are supposed to perform five practical out of six mentioned in the syllabus. Practical examination will be of three hours duration. External examiner will conduct the practical examination. Students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write–up of file book (10 Marks), performance and viva–voce (15 Marks) related to the practical.

Course objectives: The main aim is to enable students to administer psychological tools to assess psychopathology. It will help them to diagnose the psychological problems with the help of questionnaires related to personality, adjustment, attitudes and interests.

Five Practical have to be performed out of the following:

1. Word Association Test by Carl Jung.
2. Bell's Adjustment Inventory.
3. Raven's Progressive Matrices/Cattell's Culture Fair Intelligence Test.
4. Measurement of Attitudes- Sodhi's Attitude Scale (SAS).
5. Measurement of Interests- Multi-factor Interest Questionnaire (MFIQ).
6. Locus of Control by using Rotters' scale.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	Analyze and interpret the deviations in personality, adjustment and attitude of people practically from normally distributed population
CO2	Help students in choosing careers by identifying specific interests with the help of questionnaires.

B.A. SEMESTER–V
Public Administration
Course Code: BPUB-3514
Local Government
(With Special Reference to Punjab)

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
 Time: 3 Hours   **Internal Assessment: 25 Marks**

Marks Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi And English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The purpose of the course is to acquaint the students with the institutions of local self-government in India and the state of Punjab and their relevance in promoting democracy at rural and urban level. Another objective is to make the students aware about the challenges and problems Indian democracy is facing at grass-roots level.

UNIT-I
1. Local Government: Meaning, Nature and Significance.
2. Brief History of Local Government in India.
3. Main Features of 73rd and 74th Constitutional Amendments.

UNIT-II
4. Gram Sabha and Village Panchayats: Structure, Functions and Finances.
5. Panchayat Samitis-Structure, Functions and Finances.
6. Zila Parishads-Structure, Functions and Finances.

UNIT- III
7. Municipal Corporation: Organisation and Functions, Municipal Commissioner, Mayor.
8. Municipal Council: Organisation and Functions; President, Executive Officer.
9. Nagar Panchayts: Composition and Functions, Other Urban Local Bodies.

UNIT- IV

10. Organisation of the Department of Local Government in Punjab.
11. State control over Local Administration, Role of State Finance Commission.
12. Challenges to Panchayati Raj System.

Suggested Readings: -

1. D.R. Sachdeva, *Sathanak Sarkar*: *Punjab De Sandarbh Vich*, Patiala: Punjabi University, 2003.
2. Government of India, *Second Administrative Reforms Commissions*, 6th Report-Local Governance.
3. Hoshiar Singh, *Theory and Practice of Local Government*, Allahabad: Kitab Mahal, 1999.
4. Pardeep Sachdeva, *Urban Local Government in India*, Allahabad: Kitab Mahal, 2002.
5. Puri, K.K. and Barara, G.S.. *Local Government in India*, Jallandhar: Bihar Prakashan. 2008.
6. S.L Goel. & Ramesh, S. *Panchayati Raj in India*. New Delhi: Deepak & Deep Publishers, 2003.
7.   S.L. Goel, *Urban Administration in India*, New Delhi: Deep & Deep Publication, 2003.
8. S.R. Maheshwari, *Local Government in India*, Agra: Lakshmi Narain Aggarwal, 2005.
9. Sahib Singh and Swinder Singh, *Local Government in India*, Jalandhar: New Academic Publishing, 2005.
10. Singh, H.B., *Revitalised Urban Administration in India*, Delhi: Kalpaz Publishers, 2003.
11. Singh, S & Singh, S. *Local Government in India,* Jallandhar: New Academic Publishers, 2000.
12. V.P. Dubey, *Urban Development and Administration*, New Delhi: Deep & Deep Publication, 1990.

Course Outcomes:
CO-1 Helps in understanding the meaning and nature of local government.
CO-2 Identifies the objectives and functions of local government.
CO-3 Apprises the students with the working of local self-government in India.
CO-4 Provides thorough knowledge about the organizational structure of the Department of Local Government in Punjab.
CO-5 Familiarizes the students about the challenges faced by institutions of local government in India.

B.A. SEMESTER–V
Religious Studies
ਧਰਮ ਅਧਿਐਨ
Course Code – BARS-514
(ਸਿੱਖ ਦਰਸ਼ਨ)

ਕ੍ਰੈਡਿਟ: 04   ਕੁੱਲ ਅੰਕ : 100
ਕੁੱਲ ਘੰਟੇ : 60   ਥਿਊਰੀ ਅੰਕ : 75
ਸਮਾਂ : 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ : 25

ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ:

ਪੇਪਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ : ੳ, ਅ, ੲ, ਸ ਅਤੇ ਹ। ਭਾਗ ੳ, ਅ, ੲ, ਸ ਵਿਚੋਂ 2-2 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਇੱਕ-ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਹੋਵੇਗਾ ਅਤੇ ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ 'ਹ' ਵਿਚੋਂ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਹੜੇ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ 1-1 ਅੰਕ ਦਾ ਹੋਵੇਗਾ।

Course Objectives
ਕੋਰਸ ਦੇ ਉਦੇਸ਼:

ਇਸ ਕੋਰਸ ਦਾ ਮੁਖ ਮੰਤਵ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਿੱਖ ਧਰਮ ਦੇ ਦਰਸ਼ਨ (ਫ਼ਿਲਾਸਫ਼ੀ) ਅਤੇ ਸਿਧਾਂਤਾਂ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ ਹੈ। ਇਸ ਕੋਰਸ ਵਿਚ ਵਿਦਿਆਰਥੀ ਨੂੰ ਸਿੱਖ ਧਰਮ ਦੇ ਪ੍ਰਮੁੱਖ ਸੰਕਲਪਾਂ ਅਕਾਲ ਪੁਰਖ, ਸ੍ਰਿਸ਼ਟੀ ਰਚਨਾ, ਜੀਵ ਆਤਮਾ, ਹੁਕਮ, ਸਿਮਰਨ ਅਤੇ ਸੇਵਾ ਬਾਰੇ ਜਾਣੂ ਕਰਵਾਇਆ ਜਾਵੇਗਾ। ਇਸ ਦੇ ਨਾਲ ਹੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦੀ ਜਾਣ-ਪਛਾਣ, ਬਾਣੀ ਦਾ ਸੰਕਲਨ, ਸੰਪਾਦਨਾ, ਪ੍ਰਮੁੱਖ ਬਾਣੀਆਂ: ਜਪੁਜੀ ਸਾਹਿਬ, ਸਲੋਕ ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਜੀ ਅਤੇ ਬਾਰਹਮਾਹਾ ਮਾਂਝ ਦੀ ਵਿਭਿੰਨ ਪਹਿਲੂਆਂ ਤੋਂ ਗਿਆਤ ਕਰਨਾ।

ਭਾਗ (ੳ) : ਸਿੱਖ ਸੰਕਲਪ-ਭਾਗ ਪਹਿਲਾ

1. ਅਕਾਲ ਪੁਰਖ
2. ਸ੍ਰਿਸ਼ਟੀ ਰਚਨਾ
3. ਜੀਵਾਤਮਾ

ਭਾਗ (ਅ) : ਸਿੱਖ ਸੰਕਲਪ-ਭਾਗ ਦੂਜਾ

1. ਹੁਕਮ
2. ਸਿਮਰਨ
3. ਸੇਵਾ

ਭਾਗ (ੲ) : ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ

1. ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ : ਜਾਣ ਪਛਾਣ
2. ਬਾਣੀ ਦਾ ਸੰਕਲਨ
3. ਬਾਣੀ ਦਾ ਸੰਪਾਦਨ

ਭਾਗ (ਸ) : ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦੀਆਂ ਪ੍ਰਮੁੱਖ ਬਾਣੀਆਂ

1. ਜਪੁਜੀ ਸਾਹਿਬ
2. ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਜੀ ਦੇ ਸਲੋਕ
3. ਬਾਰਹਮਾਹ ਮਾਂਝ

ਸੁਝਾਈਆਂ ਪੁਸਤਕਾਂ ਦੀ ਸੂਚੀ :

English :
1. Jodh Singh, *Outline of Sikh Philosophy*, Sikh Heritage, Patiala, 2000.
2. Kohli, Surinder Singh, *Sikh Philosophy*, Singh Brothers, Amritsar, 1992.
3. Puri, Shamsher Singh, *Handbook of Sikh Theology*, Nation Book, Delhi, 1999.
4. Sahib Singh, *About Compilation of Sri Guru Granth Sahib*, Tr. By Dalip Singh, Lok Sahit Parkashan, Amritsar,1996.
5. Sher Singh, *Philosophy of Sikhism*, Sterling, Delhi, 1966.
6. Talib, G.S., *Introduction to Guru Granth Sahib*, Punjabi University, Patiala,1991.
7. Taran Singh, *Guru Granth Ratnavali*, Punjabi University, Patiala. 2001.

Punjabi :
1. ਆਹਲੂਵਾਲੀਆ, ਜਸਬੀਰ ਸਿੰਘ, *ਸਿੱਖ ਫ਼ਲਸਫ਼ੇ ਦੀ ਭੂਮਿਕਾ*, ਰਘੁਬੀਰ ਰਚਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਚੰਡੀਗੜੁ, 1976.
2. ਸ਼ੇਰ ਸਿੰਘ, *ਗੁਰਮਤਿ ਦਰਸ਼ਨ*, ਸ਼੍ਰੋਮਣੀ ਗੁਰਦੁਆਰਾ ਪ੍ਰਬੰਧਕ ਕਮੇਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 1982.
3. ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਚਿੰਤਨ, ਕਲਾ ਤੇ ਬਾਣੀ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 1976.
4. ਬਾਣੀ ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਇਕ ਸਾਹਿਤਕ ਅਧਿਐਨ, ਰਘੁਬੀਰ ਰਚਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ, 1975.
5. ਰੂਪ ਸਿੰਘ (ਡਾ.) (ਮੁੱਖ ਸੰਪਾ.), ਰਿਭਉ ਨਿਰਵੈਰ, ਸ਼੍ਰੋਮਣੀ ਗੁਰਦੁਆਰਾ ਪ੍ਰਬੰਧਕ ਕਮੇਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 20118
6. ਕਵੀਸ਼ਰ, ਸਰਦੂਲ ਸਿੰਘ, *ਸਿੱਖ ਧਰਮ ਦਰਸ਼ਨ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1969.
7. ਗਿੱਲ, ਮਹਿੰਦਰ ਕੌਰ, *ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦੀ ਸੰਪਾਦਨ ਕਲਾ*, ਰੂਹੀ ਪ੍ਰਕਾਸ਼ਨ, ਦਿੱਲੀ, 1974.
8. ਗੁਰਮੁਖ ਸਿੰਘ, *ਬਾਰਹਮਾਹ ਦਰਸ਼ਨ (ਮਾਂਝ ਤੇ ਤੁਖਾਰੀ) : ਪਾਠ, ਪ੍ਰਵਚਨ ਤੇ ਅਰਥ ਬੋਧ*, ਰੂਹੀ ਪ੍ਰਕਾਸ਼ਨ, ਅੰਮ੍ਰਿਤਸਰ, 2008.
9. ਤਾਰਨ ਸਿੰਘ, *ਬਾਰਹਮਾਹ ਦਰਪਣ*, ਨਿਊ ਬੁੱਕ ਕੰਪਨੀ, ਜਲੰਧਰ, 2002.
10. ਪਦਮ ਪਿਆਰਾ ਸਿੰਘ, *ਸ੍ਰੀ ਗੁਰ ਗ੍ਰੰਥ ਪ੍ਰਕਾਸ਼*, ਕਲਮ ਮੰਦਿਰ, ਲੋਅਰ ਮਾਲ, ਪਟਿਆਲਾ, 1977.

Course Outcomes
ਕੋਰਸ ਦੇ ਨਤੀਜੇ:
ਕੋਰਸ ਪੂਰਾ ਹੋਣ 'ਤੇ ਵਿਦਿਆਰਥੀ ਜਾਣ ਲੈਣਗੇ:
1. ਸਿੱਖ ਧਰਮ ਦੀ ਦਾਰਸ਼ਨਿਕਤਾ (ਫ਼ਿਲਾਸਫ਼ੀ) ਬਾਰੇ।
2. ਸਿੱਖ ਧਰਮ ਦੇ ਪ੍ਰਮੁੱਖ ਸਕੰਲਪਾਂ ਅਕਾਲ ਪੁਰਖ, ਸ੍ਰਿਸ਼ਟੀ ਰਚਨਾ, ਜੀਵ ਆਤਮਾ, ਹੁਕਮ, ਸਿਮਰਨ ਅਤੇ ਸੇਵਾ ਬਾਰੇ।
3. ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦੀ ਜਾਣ-ਪਛਾਣ, ਬਾਣੀ ਦਾ ਸਕੰਲਨ, ਸੰਪਾਦਨਾ ਬਾਰੇ।
4. ਪ੍ਰਮੁੱਖ ਬਾਣੀਆਂ: ਜਪੁਜੀ ਸਾਹਿਬ, ਸਲੋਕ ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਜੀ ਅਤੇ ਬਾਰਹਮਾਹਾ ਮਾਂਝ ਸਬੰਧੀ।

B.A. SEMESTER–V
Sociology
Course Code: BSOC-3508
Social Thought

Credit hours (Per Week) :4   **Max. Marks: 100**
Time: 3 Hours   **Theory: 75**
Total hours: 60   **Internal Assessment: 25**

Instructions for the Paper Setters:

Section–A It will consist of **Ten very short answer questions.** Answer to each question will be five to seven lines. All questions will be compulsory. Each question will carry two marks. Total weightage of this section is **20 marks.**

Section–B It will consist of seven questions and candidates have to attempt any five questions. Answer to each question should be 250 words**. Each question will carry five marks**. Total weightage of this section is **25 marks**.

Section–C It will consist of five questions at least two from each unit. Candidates have to attempt three questions at least one from each unit. Answer to each question should be of 3 pages or 500 words. **Each question will carry 10 marks**. Total weightage of this section is **30 marks.**

Course Objectives:

1. To provide integrated approach to understand theoretical aspect of the sociology.
2. To impart knowledge about various classical social thinkers and various social forces that enforces them to develop different concept of sociology.
3. To impart knowledge about different types of theories regarding society

Unit-I

(a) **Auguste Comte:** Law of three stages, Positivism
(b) **Herbert Spencer:** Social Darwinism and types of Society.
(c) **Karl Marx:** Dialectical Materialism, Historical Materialism and class struggle.

Unit-II

d) **Max Weber:** Theory of Social action, types of Authority, Protestant Ethic and Spirit of Capitalism.
e) **Emile Durkheim:** Nature and Characteristics of Social fact, Division of Labour in Society and Theory of Suicide.
f) Concepts and Features of Functionalism, Conflict Theory and Social Action.

References:

1. Ayon, Raymond: *Main Currents in Sociological Thought,* Vols. I, II, Penguin, Harmondsworth, 1968.
2. Abraham, M. Francis: *Contemporary Sociology,* Oxford University, New Delhi, 2006.
3. Ashley, David, Orenstein, D.M.: *Sociological theory,* Dorling Kindersly, Delhi, 2007.
4. Coser, Lewis A: *Master of Sociological Thought,* Harcourt Brace Jovanovich, New York, 1971.
5. Ghosh, B.N.: *Scientific Method & Social Research,* Sterling Publications, New Delhi, 1985.
6. Jammu I.S.: *SamajakVigyanPattar,* No.-26-28, Punjabi University, Patiala, 1998.
7. Jaspal Singh: *Introduction to Methods of Social Research,* Sterling, New Delhi, 1990.
8. Jayaram, N.: *Research Methodology: Methods and Techniques,* Mac Millian, Madras, 1989.
9. Kalton, Graham: *Introduction to Survey Sampling,* Sage, New Delhi, 1983
10. Kapila, S.: *Fundamentals of Sociology,* Vol. III, Panchkula, Kapila Publishers, 2006.

Course Outcomes:

CO1. Learn integrated approach to understand theoretical aspect of the sociology.
CO2. They receive knowledge about various classical social thinkers and various social forces that enforces them to develop different concept of sociology
CO3. Come to know about different types of theories regarding society

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
Statistics
Course Code: STA-351A
Paper–I: Linear Models and Design of Experiments

Credit Hours (Per Week):4
Total Hours: 60 hrs
Time: 3 Hours

Maximum Marks: 35
Theory Marks: 26
Theory Internal Assessment: 09

Instructions for the Paper Setters:
1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of three questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week and two periods per week for practical.

Section–A
Linear models, the fixed effect models, the distribution of minimum error sum of squares and the conditional minimum error sum of squares, tests of general linear hypotheses. Analysis of one way classified data under the fixed effect model expectations of various mean sum of squares in one way classified data.

Section–B
Analysis of two way classified data with one observation per cell under the fixed effect models, Analysis of two way classified data with multiple but equal observation in cell under the fixed effect models, expectations of various mean sum of squares in two way classified data.

Section–C
Terminologies in experimental designs, basic principles of design of experiment: randomization, replication and local control, completely randomized design, randomized block design and the latin square design, balanced incomplete block design and their advantages, disadvantages and analysis.

Section–D
Factorial experiments, the concept of main effects and interactions in and factorial experiments and the sum of squares due to them. Yates method of computing the sum of squares due to the main effects and interactions in and factorial designs, statistical analysis of these experiments (excluding confounding).

Books Recommended:
1. Goon, A.M., Gupta, M.K. and Dasgupta, B. Fundamentals of Statistics, Vol. II, World Press, 2005.
2. Das, M.N. and Giri, N.C. Design and Analysis of Experiment, New Age International Publisher, 2003.
3. Gupta, S.C. and Kapoor, V.K,. Applied Statistics, Sultan Chand and Company, 2007.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–V
Statistics
Course Code: STA-351B
Paper–II: Theory of Sample Surveys

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

Instructions for the Paper Setters:
1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of three questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week and two periods per week for practical.

SECTION–A
Introduction to design of sample surveys, census and sample surveys, basic principles of sample surveys, planning a sample survey, sampling and non sampling errors. Simple random sampling (WR and WOR) and its results, estimation of mean: its mean and variance and its estimate.

SECTION–B
Estimation of proportion: its mean and variance, stratified random sample (WOR): estimation of mean: its mean and variance and its estimate (under WOR), proportional. Neyman and optimum allocations.

SECTION–C
Ratio, product and regression estimates of population mean: their approximated (under large sample) expected values and variances under SRSWOR, comparisons with mean per unit estimate (under SRSWOR)

SECTION–D
Regression estimates of population mean: their approximated (under large sample) expected values and variances under SRSWOR, comparisons with mean per unit estimate (under SRSWOR)

Books Recommended:
1. Goon, A.M., Gupta, M.K. and Dasgupta, B. Fundamentals of Statistics, Vol. II, World Press, 2005.
2. Singh, D. and Chaudhary, F.S., Theory and Analysis of sample survey design, New Age International Publisher, 2002.
3. Mukhopadhyar, P., Theory and Methods of Survey Sampling, Prentice Hall, 2000.
4. Gupta, S.C. and Kapoor, V.K,. Applied Statistics, Sultan Chand and Company, 2007

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B.A. SEMESTER–V
Statistics
Course Code: STA-351P
Practical based on PAPER: Linear Models and Design of Experiments

Credit Hours (Per Week): 3   **Maximum Marks: 30**
Total Hours:45 hrs.   **Practical Marks: 22**
Time: 2 Hours   **Internal Assessment Practical: 08**

Teaching time for practical paper would be one hour per week.
List of Practicals Exercises
1. Exercises on analysis of variance for one way classified data and Completely Randomized design
2. Exercises on analysis of variance for two way classified data with one observation per cell and Randomized Complete Block design
3. Exercises on analysis of variance for two way classified data with multiple but equal observations per cell
4. Exercises on analysis of variance for Latin Square design
5. Exercises on analysis of variance for Balanced Incomplete Block design
6. Exercises on analysis of variance for 2 and 2 factorial experiments

Students are required to prepare a practical note book with at least 15 exercises based upon the above list. At the end of semester, there is a practical examination jointly conducted by two examiners (one is internal and other one is external). External examiner is appointed by the university and the internal examiner is appointed by the principal of the concerned college. This practical examination will cover a written test followed by a viva-voce to test the practical knowledge of students about the contents. The candidates are allowed to use Non–Programmable calculators. The distribution of marks is as under:
1. Practical Note book: 05
2. Viva – voce: 10
3. Exercises: 15

B.A. SEMESTER–V
Theatre Studies
Course Code: BTHS-3516
Script Writing

Credit Hours (Per Week): 6
Total Hours:90 hrs.
Time: 3 Hours

Maximum Marks: 100
Theory Marks: 25
Practical Marks: 50
Internal Assessment: 25

(Course Objective)	(Course Outcomes)
• The main objective of this paper is to give the knowledge about Theatrical relevance of a script and elements of script writing. • The second objective of this paper is to give the knowledge about the tools of script writing. • The third objective of this paper is to give the knowledge about the characterization, language and dialogue in script writing. • The forth objective of this paper is to give the knowledge about critical evaluation of Punjabi and Hindi Script.	• On the completion of this course students will be able to get job opportunities as script writer in different fields of theatre and film production. • Students develop the skill of how to manage set costume, light and Makeup according to script and production. • Students will have the Knowledge of text and sub-text in script. • They will be able to convert Story into Drama through script

Instruction for the Question Paper Setter:
Question paper will be maximum of 25 marks, to be attempted in 3 hrs. Question Paper setter will set eight questions (two questions from each unit). Each question will carry 05 marks.
Note: If the paper setter bifurcates any question into sub-parts, then the value of each part should not be below 2.5 marks.

Instruction for the student:
Question paper will be maximum of 25 marks, to be attempted in 3 hrs. There will be 4 units in question paper. Each unit will have 2 questions. Student has to attempt five questions, one from each unit. They can attempt fifth question from any unit. Answer should be within 500 words. Each question will carry 05 marks.

Unit I

Meaning and Significance of Script writing.
Script and Drama: Similarities and Differences.
Elements of Script writing.

Unit II

Role of Reality, Fiction and Ideology in Script writing.
Script writing of One Act Play and Full-length Play.
Text and Sub-Text in a Script.

Unit III

Characterisation in Script writing.
Language and Dialogue in Script writing.
Theatrical Relevance of a Script.

Unit IV

Critical Evaluation of Scripts
ਦਪੂਢਵ ਦਝੁਲਸ ਦਵਚਕ ਠਵਚਕ ਗ੍ਖ਼ਕ੍ਸ਼ਮਾਵਾ
ਲਕ੍ਸ਼ਮੀ ਨਾਰਾਯਣ: ਮਿਸਟਰ ਅਭਿਮਨ੍ਯੂ

Practical
Script writing of given story.
Script with original idea.

Suggested and Prescribed Readings:

1.	ਨਾਟਕ ਕਲਾ	-	ਸੁਰਜੀਤ ਸੇਠੀ
2.	ਅਭਿਨੈ ਕਲਾ	-	ਪ੍ਰਕਾਸ਼ ਸਿਆਲ, ਡਾ. ਨਵਰਿੰਦਰਾ ਬਹਿਲ
3.	ਨਾਟਕ ਸਿਧਾਂਤ ਇਤਿਹਾਸ ਤੇ ਵਿਕਾਸ	-	ਗੁਰਦਿਆਲ ਸਿੰਘ ਫੁੱਲ
4.	ਨਾਟ-ਸ਼ਾਸ਼ਤਰ	-	ਰੋਸ਼ਨ ਲਾਲ ਆਹੂਜਾ
5.	ਨਾਟ-ਕਲਾ ਤੇ ਹੋਰ ਲੇਖ	-	ਹਰਭਜਨ ਸਿੰਘ
6.	Fundamentals of Television Production	-	Ralph Donald, Thomas Spann
7.	ਨਾਟ ਸਿਧਾਂਤ	-	ਡਾ. ਸਤੀਸ਼ ਕੁਮਾਰ ਵਰਮਾ, ਡਾ. ਉਮਾ ਸੇਠੀ
8.	How to write film Screen Plays	-	Nirmal Kumar Chawdhary

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER VI
Course Code: BENC-3605
English (Compulsory)

Credit Hours /Week:- 4
Total Hours:- 60
Time:- 3 Hours

Total Marks: 50
Theory: 37 Marks
Internal Assessment: 13 Marks

Instructions for the Paper Setter and Distribution of Marks:
The question paper will consist of four sections and the distribution of marks will be as under:
Section A: 08 Marks
Section B: 20 Marks
Section C: 05 Marks
Section D: 04 Marks

Section–A

Twelve (12) Questions on usage of grammar related to the prescribed units of *Murphy's English Grammar* will be set for the students to attempt any Eight(8)   (8X1 = 8 Marks)

Section–B

THREE questions requiring brief descriptive answers based on character, tone, plot and theme in *The Guide* will be set and students will be expected to attempt any TWO

                                                                                     (2X5 = 10 Marks)

THREE questions on central idea, theme, tone or style etc. of the prescribed one-act plays from the textbook, *Glimpses of Theatre,* will be set for the students to attempt any TWO of these questions.

                                                                                     (2X5 = 10 Marks)

Section–C

TWO Questions, one from each literary text *(The Guide* and *Glimpses of Theatre*) will be set for the students to answer ANY ONE.   (1X5 = 5 Marks)

Section-D

The student will be asked to write a Resume   (1X4 = 4 Marks)

Course Objectives:
1. To read, interpret and write about a diverse range of texts in English
2. To understand the prescribed texts analytically and critically
4. To participate in the critical and cultural discourses of English
5. To teach language and literature effectively with the support of ICT tools
6. To become competent, committed, conscious, creative, and compassionate human beings.

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Course Contents:

The study of the text, *The Guide*
The study of the following one-act plays from the prescribed book, Glimpses of Theatre
The Will
Progress
The Monkey's Paw
3. Unit 38-41, 92-97 from *Murphy's English   Grammar*
Texts Prescribed:
The Guide By R.K. Narayan
Glimpses of Theatre, Guru Nanak Dev University Amritsar.
Murphy's English grammar 4th Edition (by Raymond Murphy)

Course Outcomes:

The completion of this course enables students to:
1. analyze and appreciate the dramatic technique, plot development and art of characterisation in the prescribed plays
2. comprehend, appreciate and critically analyse the novel *The Guide*
3. enhance their reading and analysing power of texts through guided reading
4. develop skills for resume writing

B.A. SEMESTER-VI
Course Code: BPBI - 3601
ਲਾਜ਼ਮੀ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 04   ਕੁੱਲ ਅੰਕ: 50
ਕੁੱਲ ਘੰਟੇ: 60   ਥਿਊਰੀ ਅੰਕ: 37
ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀ ਅੰਦਰ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਨੂੰ ਵਿਕਸਤ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਸਾਹਿਤਕ ਸਮਝ ਹੋਰ ਪਕੇਰੀ ਹੋਵੇਗੀ।
• ਵਿਦਿਆਰਥੀ ਦੀ ਸਾਹਿਤਕ ਰੂਪਾਂ ਸੰਬੰਧੀ ਜਾਣਕਾਰੀ ਵਿਚ ਵਾਧਾ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀ ਸਫ਼ਰਨਾਮਾ ਦੇ ਵਿਧਾਗਤ ਸਰੂਪ ਤੋਂ ਜਾਣੂ ਹੋਵੇਗਾ।
• ਵਿਦਿਆਰਥੀ ਦੇ ਭਾਸ਼ਾਈ ਗਿਆਨ ਵਿਚ ਵਾਧਾ ਕਰਨਾ।	• ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਸਾਹਿਤ ਦੇ ਨਵੀਨ ਰੂਪਾਂ ਦੀ ਸਮਝ ਵਿਕਸਤ ਹੋਵੇਗੀ।
	• ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਲੇਖ-ਰਚਨਾ ਦੀ ਸਮਝ ਵਿਕਸਤ ਹੋਵੇਗੀ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਸਿਲੇਬਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ ਪਰ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ। ਪਹਿਲੇ ਚਾਰ ਭਾਗਾਂ ਵਿਚ 02-02 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਹਰੇਕ ਭਾਗ ਵਿਚੋਂ 01-01 ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ ਬਰਾਬਰ (08) ਅੰਕ ਹੋਣਗੇ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਪੰਜਵੇਂ ਭਾਗ ਵਿਚ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ 01-01 ਅੰਕ ਦੇ ਛੇ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ 05 ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦੇਣਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੇਪਰ ਸੈੱਟ ਕਰਨ ਵਾਲਾ ਜੇਕਰ ਚਾਹੇ ਤਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਨਵੀਂ ਪੰਜਾਬੀ ਕਹਾਣੀ
ਡਾ. ਮਹਿਲ ਸਿੰਘ ਅਤੇ ਡਾ. ਆਤਮ ਸਿੰਘ ਰੰਧਾਵਾ (ਸੰਪਾ.), ਸਿੰਘ ਬ੍ਰਦਰਜ਼, ਅੰਮ੍ਰਿਤਸਰ।
(ਪਿਛਲੀਆਂ ਪੰਜ ਕਹਾਣੀਆਂ ਵਿਚੋਂ ਸਾਰ/ਵਿਸ਼ਾ-ਵਸਤੂ/ਪਾਤਰ ਚਿਤਰਨ)

ਭਾਗ-ਦੂਜਾ

ਧਰਤੀਆਂ ਦੇ ਗੀਤ
ਬਰਜਿੰਦਰ ਸਿੰਘ ਹਮਦਰਦ, ਨਾਨਕ ਸਿੰਘ ਪੁਸਤਕਮਾਲਾ, ਅੰਮ੍ਰਿਤਸਰ।
(ਸਮਾਜ-ਸਭਿਆਚਾਰਕ ਪਰਿਪੇਖ/ਸਫ਼ਰਨਾਮੇ ਦੇ ਤੌਰ 'ਤੇ ਪਰਖ)

ਭਾਗ-ਤੀਜਾ

(ੳ) ਲੇਖ ਰਚਨਾ (ਵਿਗਿਆਨ, ਤਕਨਾਲੋਜੀ ਅਤੇ ਚਲੰਤ ਮਸਲਿਆਂ ਸੰਬੰਧੀ)
(ਅ) ਆਧੁਨਿਕ ਸਾਹਿਤ ਰੂਪ: ਕਹਾਣੀ, ਨਾਵਲ, ਸਫ਼ਰਨਾਮਾ ਤੇ ਸਵੈ-ਜੀਵਨੀ

ਭਾਗ-ਚੌਥਾ

ਵਿਆਕਰਨ:
(ੳ) ਵਿਆਕਰਨਕ ਸ਼੍ਰੇਣੀਆਂ: ਲਿੰਗ, ਵਚਨ ਅਤੇ ਕਾਰਕ
(ਅ) ਕਿਰਿਆ ਵਾਕੰਸ਼: ਪਰਿਭਾਸ਼ਾ, ਬਣਤਰ ਅਤੇ ਪ੍ਰਕਾਰ

B.A. SEMESTER-VI
Course Code: BPBI-3602
ਮੁਢਲੀ ਪੰਜਾਬੀ
(In Lieu of Compulsory Punjabi)

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫਤਾ: 04   ਕੁੱਲ ਅੰਕ: 50
ਕੁੱਲ ਘੰਟੇ: 60   ਥਿਊਰੀ ਅੰਕ: 37
ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 13

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਸਾਹਿਤ ਨਾਲ ਜੋੜਨਾ। • ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਸਿਰਜਣਾ ਵੱਲ ਪ੍ਰੇਰਿਤ ਕਰਨਾ। • ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਸਾਹਿਤ ਅਧਿਐਨ ਦੀ ਸਮਝ ਪੈਦਾ ਕਰਨਾ	• ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਵੱਧ ਤੋਂ ਵੱਧ ਅਧਿਐਨ ਕਰਨ ਦਾ ਮੌਕਾ ਮਿਲੇਗਾ। • ਵਿਦਿਆਰਥੀ ਕਾਵਿ ਅਧਿਐਨ ਵਿਚ ਮੁਹਾਰਤ ਹਾਸਲ ਕਰਨਗੇ। • ਵਿਦਿਆਰਥੀ ਸਾਹਿਤ ਦੀ ਸਮਾਜਕ ਭੂਮਿਕਾ ਤੋਂ ਜਾਣੂ ਹੋਣਗੇ। • ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਲੇਖਣ ਕਲਾ ਦਾ ਵਿਕਾਸ ਹੋਵੇਗਾ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਭਾਗ ਪਹਿਲਾ ਵਿਚੋਂ ਕਵੀ ਦੇ ਜੀਵਨ ਅਤੇ ਰਚਨਾਵਾਂ ਬਾਰੇ ਅੱਠ-ਅੱਠ ਅੰਕਾਂ ਦੇ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਦਾ ਉੱਤਰ ਦੇਣਾ ਹੋਵੇਗਾ। ਭਾਗ ਦੂਜਾ ਵਿਚੋਂ ਕਵਿਤਾ ਦੀ ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ ਦੇ ਅੱਠ-ਅੱਠ ਅੰਕਾਂ ਦੇ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਇਕ ਦਾ ਉੱਤਰ ਦੇਣਾ ਹੋਵੇਗਾ। ਭਾਗ ਤੀਜਾ ਵਿਚੋਂ ਕਹਾਣੀਆਂ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ/ਸਾਰ ਬਾਰੇ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਨ੍ਹਾਂ ਦੇ ਨੌਂ-ਨੌਂ ਅੰਕ ਹੋਣਗੇ। ਜਿਸ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨਾ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਇਤਿਹਾਸਿਕ, ਸਭਿਆਚਾਰਕ, ਰਾਜਨੀਤਿਕ, ਸਮਾਜਕ, ਤੱਤਕਾਲੀਨ ਵਿਸ਼ਿਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਤਿੰਨ ਸਿਰਲੇਖ ਦਿੱਤੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ ਇਕ ਵਿਸ਼ੇ ਨਾਲ ਸੰਬੰਧਿਤ ਲੇਖ ਲਿਖਣਾ ਹੋਵੇਗਾ ਜਿਸਦੇ ਬਾਰਾਂ ਅੰਕ ਹੋਣਗੇ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 13 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਥਿਊਰੀ ਅੰਕਾਂ ਤੋਂ ਵੱਖਰੀ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 37+13 = 50 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਕਵੀ ਦਾ ਜੀਵਨ ਤੇ ਰਚਨਾਵਾਂ:
(ੳ) ਭਾਈ ਵੀਰ ਸਿੰਘ, (ਅ) ਪ੍ਰੋ. ਮੋਹਨ ਸਿੰਘ, (ੲ) ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ, (ਸ) ਸੁਰਜੀਤ ਪਾਤਰ

ਭਾਗ-ਦੂਜਾ

ਕਵਿਤਾ ਦੀ ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ:
ਭਾਈ ਵੀਰ ਸਿੰਘ   : 'ਗੁਲਾਬ ਦਾ ਫੁੱਲ ਤੋੜਨ ਵਾਲੇ ਨੂੰ' ਅਤੇ 'ਸਮਾਂ'
ਪ੍ਰੋ. ਮੋਹਨ ਸਿੰਘ   : 'ਕੋਈ ਆਇਆ ਸਾਡੇ ਵਿਹੜੇ' ਅਤੇ 'ਮਾਂ'
ਅੰਮ੍ਰਿਤਾ ਪ੍ਰੀਤਮ   : 'ਆਖਾਂ ਵਾਰਸ ਸ਼ਾਹ ਨੂੰ'
ਸੁਰਜੀਤ ਪਾਤਰ   : 'ਦਿਲ ਹੀ ਉਦਾਸ ਹੈ'

ਭਾਗ–ਤੀਜਾ

ਹੇਠ ਲਿਖੀਆਂ ਕਹਾਣੀਆਂ ਵਿਚੋਂ ਕਿਸੇ ਇਕ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ ਜਾਂ ਸਾਰ:

ਨਾਨਕ ਸਿੰਘ	: 'ਭੂਆ'
ਕਰਤਾਰ ਸਿੰਘ ਦੁੱਗਲ	: 'ਕਰਾਮਾਤ'
ਅਜੀਤ ਕੌਰ	: 'ਇੰਤਜ਼ਾਰ'

ਭਾਗ–ਚੌਥਾ

ਇਤਿਹਾਸਿਕ/ਸਭਿਆਚਾਰਕ/ਰਾਜਨੀਤਿਕ/ਸਮਾਜਕ/ਤਤਕਾਲੀਨ ਵਿਸ਼ਿਆਂ ਸੰਬੰਧੀ ਲੇਖ ਰਚਨਾ

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Course Code: BPHC-3604
Punjab History & Culture (AD. 1947-2000)
(Special Paper in lieu of Punjabi compulsory
for those students who are not domicile of Punjab)

Credit Hours /Week:- 4
Total Hours:- 60
Time:- 3 Hours

Total Marks: 50
Theory: 37 Marks
Internal Assessment: 13 Marks

Instructions for the Paper Setters:
The question paper consists of five units: I, II, III, IV and V. Units I, II, III and IV will have two questions each. Each question carries 8 marks. The students are to attempt one question from each unit approximately in 800 words. Unit-V consists of 7 short answer type questionsto be set from the entire syllabus. Students are to attempt any 5 questions in about 20 words each. Each question carries 1mark.
Note: The examiner is to set the question paper in two languages: English & Hindi.

Course Objectives: The main objective of this course is to educate the students who are not domicile of the Punjab about the history and culture of Punjab. It intends to teach them the main happenings in the Punjab such as partition of the Punjab and rehabilitation of the refugees after independence, creation of the Punjabi Suba and Green revolution and its impact. It is also to educate them about the contemporary issues of the Punjab such as drug addiction, female foeticide and Punjabi Diaspora.

Unit-I
Partition and its Impact on the Punjab.
Rehabilitation.

Unit-II
Punjabi Suba Movement and Reorganization Act of 1966.
Green Revolution.

Unit-III
Punjabi Diaspora.
Development of education in Punjab after Independence.

Unit-IV
Development of Punjabi Literature and Drama.
Emerging Concerns: Drug Addiction and Female Foeticide.

Suggested Readings:-

P.N. Chopra, & M.N. Das, *A Social, Cultural & Economic History of India*, Vol.III,Macmillan India, New Delhi, 1974.
J.S. Grewal, *Social and Cultural History of Punjab: Prehistoric, Ancient and EarlyMedieval*, Foundation Books Pvt Ltd Cambridge House, New Delhi, 2004.
The Sikhs of Punjab, New Cambridge House, New Delhi, 2005.
Satya M. Rai ,*Heroic Tradition in Punjab(1900-1947),* Publication Bureau, PunjabiUniversity, Patiala,1978.
Fauja Singh, *Freedom Struggle in Punjab*, Publication Bureau, Punjabi University,Patiala,1974.
_____, *History and Culture of the Punjab*, Part II, Publication Bureau, PunjabiUniversity, Patiala,1987.
Kushwant Singh, *A History of the Sikhs*, Vol. II (1839-1998), Oxford University Press, Delhi,1991.
K.C. Yadav,*Haryana Aitihasik Simhavalokan,* Haryana Sahitya Akademy, Chandigarh,1991
Course Outcomes:

After completion of the course, the students will be able to learn:

CO-1 History and culture of the Punjab in the period under study.
CO-2 The process of partition of the Punjab and problem of rehabilitation of therefugees after independence.
CO-3 The creation of the Punjabi Suba and reorganization of its territory.
CO-4 Green revolution and its impact on the Punjab.
CO-5 Contemporary issues of the Punjab such as drug addiction, female foeticide andPunjabi Diaspora.

B.A. SEMESTER–VI
Computer Science
Course Code: CSC-361
Programming using Python

Time: 3 Hours	**Total Marks: 100**
Credit Hours (per week):4	**Theory Marks: 56**
Total Hours:60	**Theory Internal Assessment M: 19**
	Practical Marks: 19
	Practical Internal Assessment M: 06

Note: 1. Medium of Examination is English Language.
    2. The question paper covering the entire course shall be divided into three sections.

Instructions for Paper Setters:

Section A: It will have question No.1 consisting of 10 very short answer questions from the entire syllabus. Students will attempt 6 questions. Each question will carry two marks with answer to each question up to 10 lines in length. The total weightage being **12 marks**.

Section B: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 2, 3, 4 and 5 will be set by the examiner from Unit-I of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks. The total weightage of this section shall be **22 marks.**

Section C: It will consist of essay type/numerical questions up to five pages in length. Four questions numbering 6, 7, 8 and 9 will be set by the examiner from Unit-II of the syllabus. The students will be required to attempt any two questions. Each question will carry 11 marks. The total weightage of this section shall be **22 marks.**

Course Objectives:

1.	Describe the core syntax and semantics of Python programming language.
2.	Discover the need for working with the strings and functions.
3.	Illustrate the process of structuring the data using lists, dictionaries, tuples and sets.
4.	Infer the Object-oriented Programming concepts in Python.
5.	To develop the ability to write database applications in Python.

UNIT-I

Introduction to Python: Process of Computational Problem Solving, Python Programming Language

Data and Expressions: Literals, Variables and Identifiers, Operators, Expressions, Statements and Data Types

Control Structures: Boolean Expressions (Conditions), Logical Operators, Selection Control, Nested conditions, Debugging

Lists: List Structures, Lists (Sequences) in Python, Iterating Over Lists (Sequences) in Python

Functions: Fundamental Concepts, Program Routines, Flow of Execution, Parameters & Arguments

Iteration: While statement, Definite loops using For, Loop Patterns, Recursive Functions, Recursive Problem Solving, Iteration vs. Recursion

UNIT-II

Dictionaries: Dictionaries and Files, Looping and dictionaries, Advanced text parsing
Files: Opening Files, Using Text Files, String Processing, Exception Handling
Objects and Their Use: Introduction to Object Oriented Programming
Modular Design: Modules, Top-Down Design, Python Modules
Using Databases and SQL: Database Concepts, SQLite Manager Firefox Add-on, SQL basic summary, Basic Data modeling, Programming with multiple tables

References:

1. Python for Informatics, Charles Severance, version 0.0.7
2. Introduction to Computer Science Using Python: A Computational Problem-Solving Focus, Charles Dierbach, Wiley Publications, 2012, ISBN : 978-0-470-91204-1
3. Introduction To Computation And Programming Using Python, GUTTAG JOHN V, PHI, 2014, ISBN-13: 978-8120348660
4. Introduction to Computating& Problem Solving Through Python, Jeeva Jose and Sojan P. Lal,Khanna Publishers, 2015, ISBN-13: 978-9382609810
   5.   Introduction to Computing and Programming in Python, Mark J. Guzdial, Pearson Education, 2015, ISBN-13: 978-9332556591
6. Fundamentals of Python by Kenneth Lambert, Course Technology, Cengage Learning , 2015
7. Learning Python by Mark Lutz, 5th Edition, O'Reilly Media, 2013

Course Outcomes:

CO-1.	To impart knowledge of one of the latest and powerful programming languages – Python.
CO-2.	To make students understand about to read and write files.
CO-3.	To give a broad view of concept of Object-Oriented Programming (OOP) applied in Python.
CO-4.	To learn how to connect Python programs to a database.
CO-5.	To learn how to identify Python object types.

B.A. SEMESTER–VI
COMPUTER SCIENCE
(Practical)

Credit Hours (per week):2   **Practical Marks: 19**
Total Hours:60   **Practical Internal Assessment M: 06**
Time: 3 hours

Practical based on Programming using Python.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Economics
Course Code: BECO- 3620
QUANTITATIVE METHODS FOR ECONOMISTS

Credit hours /week: 4
Total hours: 60
Time: 3 Hours

Total Marks: 100
Theory: 75 Marks
Internal Assessment: 25 Marks

Note: Instructions for the Paper–Setters/Examiners:

(i)   First question consisting of 8 short answer questions (based upon the entire syllabus), out of which 5 questions are to be attempted (each carrying 3 marks).
(ii)   Students will attempt 1 out of 2 questions from each of four units (15 marks each).
(iii) Candidates are allowed to use non-scientific calculator.

Course Objective: The objective of this course is to impart understanding of the basic concepts of mathematics and statistics and the way these concepts are applied in Economics.

UNIT–I

Sets, Relations and functions and continuity, Derivative of simple functions only (excluding log & exponential functions).Maxima/Minima for single variable functions. Introduction to matrices - definition, properties & inverse.

UNIT–II

Measures of central tendency — Mean, Mode, Median and Geometric Mean; Measures of dispersion.

UNIT–III

Concepts and Measure of skewness and kurtosis: Boyle's & Karl Pearson's measures. Simple correlation& regression (ungrouped & grouped data).

UNIT–IV

Interpolation: Concepts and Methods — Binomial expansion, Newton and Lagrange's Method (with emphasis on missing values only). Price Index Numbers–Weighted and Unweighted Index Numbers, various formulae and consistency tests.

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Suggested Readings:

1. Archibald, G. & R.G. Lipsey (1973); Introduction to a Mathematical Treatment of Economics, 2nd Ed. Weisdenfeld and Nicholson, London.
2. Yamane, Taro (1968); Mathematics for Economists, 2nd ed. Prentice Hall, Englewood Cliffs, New Jersey.
3. Croxton, F.E. Cowden D.J. and Klein, S. (1973); Applied General Statistics, 3rd. Ed., Prentice Hall of India, New Delhi.
4. Fox, I.A. (1972); Intermediate Economic Statistics, Wiley Eastern Pvt. Ltd., New Delhi.
5. Nagar, A.L. and Das, R.K. (1976); Basic Statistics, Oxford University Press, Bombay.
6. Baumol (1973); Economic Theory and Operations Analysis, Prentice Hall of India, Private Ltd., New Delhi.

Course Outcomes:

S.No	On completing the course, the students will be able to:
CO- 1	Learn about the concepts of set theory, relations , functions and continuity, Derivatives, Matrices and their economic applications
CO- 2	Understand different measures of central tendency
CO- 3	Understand different measures of dispersion
CO- 4	Understand the concepts and measurement of skewness, kurtosis, correlation and regression
CO- 5	Understand the concepts of Interpolation & extrapolation and the calculation of Index numbers

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
English (Elective)
Course Code: BEEN-3606

Credit hours /week: 6   **Total Marks: 100**
Total hours: 90   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter and Distribution of Marks:
The question paper will consist of four sections and distribution of marks will be as under:
Section A: 20 Marks
Section B: 15 Marks
Section C: 20 Marks
Section D: 20 Marks

SECTION–A

Note: The students will be required to answer all the **TEN** questions set as per the given pattern. The answer should be in about five lines each.
1. Three questions from *Train to Pakistan*
2. Three questions from *The Power and the Glory*
3. Four questions from *Background to the Study of English Literature* by B. Prasad.

(10X2=20 Marks)

SECTION–B

1. The students will be required to answer **THREE** short-answer questions out of the **FOUR** questions set from the Novel *Train to Pakistan.* Each answer should be written in about 10-15 sentences. (3X5=15 Marks)

Section-C
2. The students will be required to answer **TWO** short-answer questions out of the **THREE** questions set from the novel *The Power and the Glory.* Each answer should be written in about 10-15 sentences.

(2X5=10 Marks)
3. The students will be required to answer **TWO** short-answer questions out of the **FOUR** questions set from the prescribed book, *Background to the Study of English Literature*. Each answer should be written in about 10-15 sentences.

(2X5=10 Marks)

SECTION–D

The students will be required to answer any TWO (each of 10 marks) out of the THREE questions. The answer should be in about 250 -300 words.
1. One essay type question from *Train to Pakistan*
2. One essay type question from *The Power and the Glory.*
3. One essay type question from *Back Ground To The Study Of English Literature*

(2X10= 20 Marks)

B.A. (12+3 System of Education) (Batch 2022-25)

Course Objectives:
1. To read, interpret and write about diverse range of texts in English.
2. To understand prescribed texts analytically and critically.
3. To understand the prescribed texts on the basis of careful close reading
4. To participate in the critical and cultural discourses of English
5. To teach language and literature effectively with the support of ICT tools
6. To become competent, committed, conscious, creative, and compassionate men and women for and with others.
7. To train students to discern ethical principles and personal values in light of academic experience

Course Content:
1. *Train to Pakistan* by Khushwant Singh
2. *The Power and the Glory* by Graham Greene
3. *Background to the Study of English Literature* by B. Prasad (Section-III Chapter-II)

Texts Prescribed:
   1. Train to Pakistan by Khushwant Singh
   2. The Power and the Glory by Graham Greene
   3. Background to the Study of English Literature by B. Prasad, Macmillan India Limited

Course Outcomes:
The Teaching of this course enables the students to
   1. facilitate the understanding of American, African, Indian Canadian and Multicultural sensibilities by introducing the students to the literary works representing them.
   2. introduce the learners of the literature to the background study of English Literature.
   3. demonstrate the effective use of literary theory.

B.A. SEMESTER–VI
Course Code: BEHI-3607
Elective Hindi

Credit hours /week: 6   **Total Marks: 100**
Total hours: 90   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

कोर्स का प्रयोजन/उद्देश्य (Course Objective)	कोर्स का फलागम/परिणाम(Course Outcomes)
• इस कोर्स का मुख्य उद्देश्य विद्यार्थी को काव्य–सिद्धान्त के विभिन्न अंश यथा हेतु, प्रयोजन, प्रकार तथा काव्य–छन्दों के प्रयोग संबंधी जानकारी देना है। • कामकाजी हिन्दी के विभिन्न अंगों की जानकारी देना तथा प्रशासनिक शब्दावली का ज्ञान देना इस कोर्स का प्रयोजन है। • विद्यार्थी को हिन्दी साहित्य के आधुनिक काल की विभिन्न काव्य–धाराओं का ज्ञान देना भी इस कोर्स का उद्देश्य है। • मौलिक–सृजन की जानकारी देना भी इस कोर्स का प्रयोजन है।	• इस कोर्स की समाप्ति के बाद विद्यार्थी कामकाजी हिन्दी के प्रारूपण, संक्षेपण, टिप्पण का ज्ञानार्जित कर विभिन्न क्षेत्रों यथा प्रशासन, मीडिया, सृजनात्मक–लेखन में रोजगार के सहज अवसर प्राप्त करने योग्य होगा। • विद्यार्थी हिन्दी साहित्य के आधुनिक काल अर्थात सन् 1900 के बाद के हिन्दी साहित्य का सम्पूर्ण ज्ञान प्राप्त कर लेगा। • विद्यार्थी को काव्य–सिद्धान्त तथा कविता में छंद के प्रयोग व महत्व का सम्पूर्ण ज्ञान प्राप्त होगा, जिससे वह किसी भी कविता की समीक्षा करने योग्य हो जाएगा।

अंक विभाजन तथा प्रश्न.पत्र निर्माता के लिए आवश्यक दिशा.निर्देश :.
प्रश्न पत्र निर्माता द्वारा निर्धारित पाठ्यक्रम के अनुसार प्रत्येक खण्ड में से दो प्रश्न पूछे जाएंगे। कुल आठ प्रश्न पूछे जाएंगे। प्रत्येक प्रश्न के 15 अंक होंगे।

नोटः पारिभाषिक शब्दावली वाले प्रश्न में एक–एक अंक के कुल 15 शब्द दिए जाएंगे।
परीक्षार्थी के लिए आवश्यक दिशा निर्देश :–

परीक्षार्थी प्रत्येक खण्ड में से अनिवार्यतः एक प्रश्न का उतर देते हुए कुल पांच प्रश्नों का उतर देगा । पाँचवां प्रश्न किसी भी खण्ड में से किया जा सकता है। प्रत्येक प्रश्न के 15 अंक होंगे। प्रश्नोत्तर पाँच पृष्ठों तक सीमित हो।
निर्धारित पाठ्यक्रम :

खण्ड – क

पाठ्य–पुस्तक
अन्धा युग : धर्मवीर भारती
प्रकाशक : किताब घर, इलाहाबाद
(लेखक का परिचय, संप्रसग व्याख्या, पात्र–परिचय, कथ्य–शिल्प, रंगमंच संबंधी प्रश्न)

<div align="center">खण्ड – ख</div>

छन्द : बसन्त तिलका, भुजंगप्रयात्, मालिनी, वंशस्थ, सवैया, दोहा, सोरठा, कवित्त, इन्द्रवज्रा, चौपाई

काव्य सिद्धान्त : काव्य की परिभाषा, स्वरूप, तत्त्व, हेतु, प्रयोजन, वर्गीकरण / प्रकार

कामकाजी हिन्दी : प्रारूपण संक्षेपण, टिप्पण : परिभाषा, स्वरूप, गुण अथवा विशेषताएं

<div align="center">खण्ड – ग</div>

हिन्दी साहित्य का इतिहास :

      प्रकाशक : गुरु नानक देव विश्वविद्यालय, अमृतसर।

      निर्धारित विषय :

आधुनिक काल : सामान्य विशेषताएं, वर्गीकरण

भारतेन्दु युग : सामान्य परिचय

द्विवेदी युग : सामान्य परिचय

छायावाद : सामान्य परिचय

प्रगतिवाद : सामान्य परिचय

प्रयोगवाद : सामान्य परिचय

<div align="center">खण्ड – घ</div>

निबन्ध लेखन : दो परिक्षेत्र

1)   सम्पर्क भाषा के रूप में हिन्दी

2)   हिन्दी भाषा का सुप्रसिद्ध आधुनिक ग्रंथ अथवा लेखक

पारिभाषिक शब्दावली

निदेशालय

1.	Director General	महानिदेशक
2.	Additional Director General	अपर महानिदेशक
3.	Director	निदेशक
4.	Deputy Director	उपनिदेशक
5.	Assistant Director	सहायक निदेशक
6.	Administrative Officer	प्रशासनिक अधिकारी
7.	Junior Administrative Officer	अवर प्रशासनिक अधिकारी
8.	Education Officer	शिक्षा अधिकारी
9.	Assistant Education Officer	सहायक शिक्षा अधिकारी

रेल

10.	Railway Minister	रेल मंत्री
11.	Chairman, Railway Board	अध्यक्ष, रेलवे बार्ड
12	General Manager	महाप्रबन्धक
13.	Dupty General Manager	उप महाप्रबन्धक

14.	Chief Personnel Officer	मुख्य कार्मिक अधिकारी
15.	Senior/District Personnel Officer	प्रवर / जिला कार्मिक अधिकारी
16.	Office Superintendent	कार्यालय अधीक्षक
17.	Chief Engineer	मुख्य अभियंता / इंजीनियर

लेखा

18.	Accountant General	महालेखाकार
19.	Additional Accountant General	अपर महालेखाकार
20.	Deputy Accountant General	उप महालेखाकार
21.	Accountant	लेखाकार
22.	Accounts Officer	लेखा अधिकारी
23.	Auditor	लेखा परीक्षक

डाक–तार

24.	Post Master General	डाक महाध्यक्ष
25.	Director (Post Offices)	निदेशक (डाक)
26.	Senior Superintendent Post Office	प्रवक डाक अधीक्षक
27.	Post Master	डाकपाल
28.	Postman	डाकिया

(क) विज्ञान

29.	Abdomen	उदर
30.	Blast	झोंका / वाताघात
31.	Calculator	वायुविवर्तक
32.	Anaemia	रक्तक्षीणता
33.	Anaesthesia	संज्ञाहरण
34.	Antibiotic	प्रतिजैविक
35.	Anatomy	शरीर रचना, शरीर रचना–विज्ञान
36.	Biophysical	जैवभौतिक
37.	Cosmology	विश्व विज्ञान
38.	Engineering	अभियांत्रिकी
39.	Environment	पर्यावरण
40.	Geology	भूविज्ञान / भौमिकी
41.	Instrument	उपकरण
42.	Obstetries	प्रसूतिविद्या
43.	Operation	संक्रिया / परिचालन
44.	Parasite	परजीवी
45.	Pathology	रोगविज्ञान
46.	Product	उत्पाद / गुणनफल
47.	Radiation	विकिरण
48.	Satellite	उपग्रह
49.	Symptom	लक्षण
50.	Technology	प्रोद्योगिकी

B.A. SEMESTER–VI
Course Code: BPBI-3603
ਚੋਣਵੀਂ ਪੰਜਾਬੀ

ਕ੍ਰੈਡਿਟ ਪ੍ਰਤੀ ਹਫ਼ਤਾ: 06   ਕੁੱਲ ਅੰਕ: 100
ਕੁੱਲ ਘੰਟੇ: 90   ਥਿਊਰੀ ਅੰਕ: 75
ਸਮਾਂ: 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ: 25

ਕੋਰਸ ਦਾ ਉਦੇਸ਼ Course Objective	ਪਾਠ-ਕ੍ਰਮ ਨਤੀਜੇ Course Outcomes (COs)
• ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਮੱਧਕਾਲੀਨ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਇਤਿਹਾਸ ਨਾਲ ਜਾਣ-ਪਛਾਣ ਕਰਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਰੂਪ ਨਾਟਕ ਦੀ ਪੜ੍ਹਤ ਤੋਂ ਜਾਣੂ ਕਰਾਉਣਾ। • ਵਿਦਿਆਰਥੀਆਂ ਵਿਚ ਆਲੋਚਨਾਤਮਕ ਦ੍ਰਿਸ਼ਟੀਕੋਣ ਪੈਦਾ ਕਰਨਾ। • ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਾਹਿਤ ਦੇ ਭਿੰਨ-ਭਿੰਨ ਰੂਪਾਂ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣਾ।	• ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਸਾਹਿਤ ਸਿਰਜਨਾ ਦੀਆਂ ਸੰਭਾਵਨਾਵਾਂ ਵਧਣਗੀਆਂ। • ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਨਾਟਕ ਦੇ ਵਿਸ਼ੇਗਤ ਅਤੇ ਰੂਪਗਤ ਪਹਿਲੂਆਂ ਦੀ ਜਾਣਕਾਰੀ ਉਸਦੇ ਗਿਆਨ ਵਿਚ ਵਾਧਾ ਕਰੇਗੀ। • ਵਿਦਿਆਰਥੀਆਂ ਅੰਦਰ ਆਲੋਚਨਾਤਮਕ ਵਿਸ਼ਲੇਸ਼ਣ ਕਰਨ ਦੀ ਕਾਬਲੀਅਤ ਦਾ ਵਿਕਾਸ ਹੋਵੇਗਾ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪ੍ਰੀਖਿਅਕ ਲਈ ਹਦਾਇਤਾਂ

ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਭਾਗ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਨੇ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਭਾਗ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੋਵੇਗਾ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹਨ। ਪ੍ਰੀਖਿਅਕ ਪ੍ਰਸ਼ਨਾਂ ਦੀ ਵੰਡ ਅੱਗੋਂ ਵੱਧ ਤੋਂ ਵੱਧ ਚਾਰ ਉਪ-ਪ੍ਰਸ਼ਨਾਂ ਵਿਚ ਕਰ ਸਕਦਾ ਹੈ।

ਨੋਟ: ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ 25 ਅੰਕਾਂ ਦੀ ਹੈ, ਜੋ ਕਾਲਜ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਦਿਸ਼ਾ-ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਹੋਵੇਗੀ। ਇਸ ਪੇਪਰ ਦੇ ਕੁੱਲ ਅੰਕ 75 + 25 = 100 ਹਨ।

ਪਾਠ-ਕ੍ਰਮ
ਭਾਗ-ਪਹਿਲਾ

ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (1700 ਈ: ਤਕ)

ਡਾ. ਧਰਮ ਸਿੰਘ ਅਤੇ ਡਾ. ਹਿਰਦੇਜੀਤ ਸਿੰਘ ਭੋਗਲ (ਸੰਪਾ.), ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।

(ੳ) ਸਾਹਿਤਕ ਰੂਪਾਂ ਦਾ ਇਤਿਹਾਸ: ਨਿਕਾਸ ਅਤੇ ਵਿਕਾਸ

(ਅ) ਸਾਹਿਤਕ ਰੂਪਾਂ ਦੀਆਂ ਧਾਰਾਵਾਂ ਤੇ ਪ੍ਰਵਿਰਤੀਆਂ

ਭਾਗ-ਦੂਜਾ

ਚੰਦਨ ਦੇ ਓਹਲੇ

ਪਾਲੀ ਭੁਪਿੰਦਰ, ਚੇਤਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ।

(ਨਾਟਕ ਦਾ ਵਿਸ਼ਾ ਵਸਤੂ/ਸਾਰ/ਪਾਤਰ ਉਸਾਰੀ/ਰੰਗਮੰਚ ਪੱਖ)

ਭਾਗ–ਤੀਜਾ

ਆਧੁਨਿਕ ਸਾਹਿਤ ਰੂਪ: ਪਰਿਭਾਸ਼ਾ, ਪ੍ਰਕਾਰ ਤੇ ਤੱਤ: ਕਵਿਤਾ, ਕਹਾਣੀ, ਨਾਵਲ, ਨਾਟਕ, ਇਕਾਂਗੀ

ਭਾਗ–ਚੌਥਾ

ਵਿਹਾਰਕ ਆਲੋਚਨਾ:

(ੳ) ਵਿਹਾਰਕ ਆਲੋਚਨਾ: ਸਿਧਾਂਤਕ ਪੱਖ

(ਅ) ਵਿਹਾਰਕ ਆਲੋਚਨਾ: ਕਾਵਿ ਦੇ ਪ੍ਰਸੰਗ ਵਿਚ

     (**ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ** (1700 ਈ. ਤਕ) ਡਾ. ਗੁਰਸ਼ਰਨ ਕੌਰ ਜੱਗੀ ਤੇ ਡਾ. ਮਾਨ ਸਿੰਘ ਢੀਂਡਸਾ (ਸੰਪਾ.), ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ ਵਿਚ ਦਰਜ ਕਵੀਆਂ ਦੇ ਪਹਿਲੇ ਪੰਜ–ਪੰਜ ਸ਼ਬਦ/ਬੰਦ/ਸਲੋਕ/ਪਦੇ/ਕਾਫੀਆਂ

B.A. SEMESTER–VI
Course Code: BFAA-3609
Fine Arts
PAPER-A: History of Indian Painting (Modern Period)
(Theory)

Credit hours /week: 2　　　　　　　　　　　　　　　**Total Marks: 100**
Total hours: 30　　　　　　　　　　　　　**Paper A:Theory Marks: 35**
Time: 3 Hours　　　　　　　　　　　　　**Paper A: Theory Marks: 35**
　　　　　　　　　　　Paper B and C: Practical Marks: 20+20 = 40
　　　　　　　　　　　　　Internal Assessment Marks: 25

Note: Instructions for the Paper Setters:
 (a) 35 Marks for the theory paper and 20 marks for each practical
 (b) The question paper will cover the entire syllabus.
 (c) Questions should be based on world famous paintings and sculptures whose slides are easily available.
 (d) Question paper should cover the syllabus uniformly.
 (e) The paper setter should set the paper in two sections, A and B.
 (f) The division of the marks will be as under.

Section-A: 10 marks for 10 objective questions. Each question carries 1 mark.
Section-B: 25 marks for 5 questions. The examiner will set 8 questions. The candidate will attempt 5 questions of 5 marks each.

Course Objectives
 1. This paper is an introduction to the Modern Era of Indian Painting to students.
 2. The course also intends to give a brief idea about the different sources and the changing trends in Indian Art history.
 3. It helps students to study personal expressions of artists.

Unit-I
 Indian Painting:
● Impact of British on Indian Art- Company School
● Bengal School- Abanindranath Tagore

Unit-II
 Contemporary Art
● Rabindranath Tagore
● Amrita Shergill
● Jamini Rai

Unit-III
● S. Sobha Singh, Dhanraj Bhagat, K.K. Hebbar, M.F. Hussain, Satish Gujral.

Unit-IV
- Kalighat Painting
- Tanjore Painting

Suggest Readings:
1. Kalighat Painting; Publisher- Grantha Corporation; Author- Sinha Suhsani; Year- 2011.
2. Company Paintings; Publisher- Grantha Corporation; Author- Mildred Archer; year- 1 January 1999.
3. Scroll painting of Bengal; Publisher- Auther House; Author- Amitabh Sen Gupta; Year- 2012.
4. Rhythm of India: - The Art of Nandlal Bose; Publisher- San Diego Museum Of Art ; Author- Sonya Rhia Quintani; Year- 31 march 2008.
5. Sobha Singh: - Painter of Divine; Publisher- Guru Nanak Dev University; Author- Madanjit Kaur: Year- 1 January 1987.
6.

Course Outcomes:
1. Study the History of Indian Paintings during modern period which allows them to study the personal expressions of artist.
2. Understand about the self-expressions and the creativity of the modern period artists which help them to build confidence as well as sense of individual identity
3. Understand the theory which deals with the modern art traced to the mid-19th century rejection of academic tradition in subject matter style by certain artists and critics.
4. Study the impact of art on society
5. Develop the sense of creativity, innovation, critical thinking, communication, motivation and self-confidence

B.A. SEMESTER–VI
Course Code: BFAB-3609
Fine Arts
Paper–B: Landscape Painting / Composition (Practical)

Total Hours: 30 hrs.   **Paper-B Marks: 20**
Time: 3 Hrs.   **Credit Hours (per week): 2 hrs.**

Course Objectives
1. The main objective is to introduce students to the basics of Composition formation.
2. This paper will make students aware of capturing natural scenery such as mountains, trees, rivers etc. while using basic techniques.
3. The course will familiarize the students in arranging elements of art in coherent composition.
4. Its aim is to develop imagination and creativity power among the students.

On the spot landscape painting. Emphasis should be given on perspective, Colour and its application in harmony.
Composition- Arrangement of forms, colours, tones, texture to express the subject.
Medium: Any medium
Size: ½ Imperial
Candidates will submit:-
    (i) 5 sheets of each paper (2 sheets of landscape & 3 sheets of composition)
    (ii) Sketch book containing 50 sketches.

Course Outcomes:
1. Learn how to capture space in front of them on canvas through the development and formation of landscape teaching in the open air
2. Learn the depiction of natural scenery such as mountains, valleys, trees, rivers, forests etc. while learning the elements of art arranged in coherent composition
3. Represent or replicate the nature's beauty on their canvas.
4. Understand various aesthetic elements like light, colour, texture etc. to learn landscape.
5. Gain knowledge on perspective

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Fine Arts
Course Code: BFAC-3609
Paper–C: Full Life Drawing (Practical)

Total Hours: 30 hrs.
Time: 5 Hrs.

Paper-C: Marks: 20
Credit Hours (per week): 2 hrs.

Course Objectives:
1. The paper aims to introduce the students to draw line models with the help of principals of art.
2. The course enables students to learn how to capture the exact character of a model.
3. Students become familiar with foreshortening techniques while drawing live models.
4. It enables students to observe different elements of the human figure and introduce them into a whole unit.
5. It enhances hand eye coordination and observational skills.

Rendering of full life study should be done in any medium. Emphasis should be given to structure, volume, proportion, tones and texture.

Medium: Any medium
Size: ½ Imperial
Candidates will submit-

(i) 5 sheets of each paper

(ii) Sketch book containing 50 sketches.

Course Outcomes:
1. Study Full Life Drawing which will help them to understand the shapes and depth, light and shadow in living model.
2. Create live painting full of character
3. Learn the techniques of foreshortenings.
4. Learn about the human figure and the movement of different body parts together as one whole unit.
5. Improve hand-eye coordination and observational skills

<center>B.A. (12+3 System of Education) (Batch 2022-25)</center>

<center>
B.A. SEMESTER–VI
Geography
Course Code-BGEO-3619
Geography Of India
Theory
</center>

Credit hours (per week): 4   **Max. Marks: 100**
Total hours: 60   **Theory Marks: 45**
Time: 3 Hours   **Practical Marks: 30**
                                                                Internal Assessment: 25

Instructions for the Paper Setters:
A compulsory question containing 10 short answer type questions will be set covering the whole syllabus. The students will attempt any 5 questions in about 20–30 words each. Each question will carry 1 marks **(Total 5 marks).**
The whole syllabus will be divided into 4 units. Eight questions will be set out of the whole syllabus, 2 from each unit. The students will be required to attempt one question from each unit. Each question carrying 10 marks. These will be in addition to the compulsory question at Serial Number 1 **(Total 40 marks).**
Special credit will be given to suitable use of maps and diagrams

Course Objectives:
To understand the regional setting of India in detail through physical and political maps. To examine the pattern of select population characteristics. To study the distribution of major crops, industries and transport links. To understand the intraregional variations in the select aspects.

<center>**UNIT–I**</center>

India**: In the context of Asia and World**
Relief, drainage, climate, vegetation, Soils.

<center>**UNIT-II**</center>

Mineral Resources: Iron-ore, copper, gold; and power resources.
Population: Numbers, distribution and density, growth, migration, urbanization.

<center>**UNIT–III**</center>

Agriculture-Characteristics of Indian agriculture; major crops (rice, wheat, sugarcane, cotton, jute, tea,) Irrigation, problems of Indian agriculture
Land use pattern: Areas of surplus and deficit food production

<center>**UNIT–IV**</center>

Industries-Distribution and localization factors of major industries (iron and steel, cotton textiles, fertilizers)
Transport: Rail, Road, airways and waterways

<center>340</center>

Books Recommended:

Deshpande, C.D.: India: A Regional Interpretation, Northern Book, Centre, New Delhi.

Johnson, B.L.C.: South Asia, Heinemann, London, 1981.

Spate, O.H.K. & Learmonth, A.T.A.: India and Pakistan: A General and Regional Geography, Methuen, London, 1967.

Tirtha, Ranjit & Krishan, Gopal: Emerging India: A Geographical Introduction, Conoub, Ann Arber, Michigan (U.S.A.) 1992.

Malkiat Singh: Geography of India, Rasmeet Prakashan, Jalandhar.

D.S. Mankoo: Geography of India, Kalyani Publishers, Jalandhar.

Course outcomes	
Sr. No.	**On completing the course, the students will be able to:**
CO-1	Understand the geographical background and natural resources.
CO-2	Understand the irrigation and agricultural development in India.
CO-3	Evaluate the transportation and population distribution in India.

B.A. SEMESTER–VI
Geography
Course Code-BGEO-3619
Field Work
Practical

Credit hours (per week): 2	**Max. Marks: 30**
Total hours: 20	**Written Paper: 15 Marks**
Time: 3 Hours	**Practical Record (File): 08 Marks**
	Viva:07 marks

Instructions for the Paper Setters:
There will be total four questions (two questions each from Unit–I and Unit–II).
The students are required to attempt one question each from both the units.
All Questions carry eight marks each.

Course Objectives:
To provide an analytical understanding of use of common map projections. To sensitize the students about pre field work and post field work (data processing and analysis and writing of field work report)

UNIT-I
Construction, Properties and Limitations of following Map Projections: Zenithal: Gnomonic, Stereographic, Orthographic, Equi- Distant and Equal-Area (Polar cases only) Introduction to Sinusoidal and Mollweide's projections.

UNIT-II
Role of field work in geography.
Scale of study and field work methodology.
Methods of collecting Primary data (questionnaire, observation, interview and measurement) and Secondary data and parts of report.
Methods of field study of: a Farm, a Village, a Town and Physical Features of an area.

Books Recommended:
Jones, P.A.: Field Work in Geography, Longman, London, 1968.
Archer, J.E. & Dalton T.H.: Field Work in Geography, E.T. Bastford Ltd., London, 1968.
Singh, Gopal: Map work and Practical Geography, Surjeet Book Depot, Delhi, 1993.

Course outcomes	
Sr. No.	On completing the course, the students will be able to:
CO-1	Acquire knowledge and clear concepts of the different types of map projections.
CO-2	Physical land surveys enable the students acquire a greater understanding of the socio economic and cultural dimensions of the population.
CO-3	Application of knowledge in the reality.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
History
Course Code: BHIS-3610
History of the Punjab (A.D. 1799-1966)

Credit hours /week: 4   **Total Marks: 100**
Total hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setters:

Section–A: The examiner will set 8 questions from entire syllabus and the candidate will attempt 5 questions carrying 3 marks each. Answer to each question shall be in about 100 words. The total weightage of this Section will be 15 marks.

Section–B: The examiner will set 8 questions, two from each Unit. The candidate will attempt 4 questions selecting one from each Unit in about 1000 words. Each question will carry 15 marks. The total weightage of this Section will be 60 marks.

Important Note: Paper Setter must ensure that questions in **Section–A** do not cover more than one point, and questions in **Section–B** should cover at least 50 per cent of the theme. **The Paper Setter is to set the question paper in three languages i.e. English, Punjabi& Hindi.**

Course Objectives: This course is designed to acquaint the students with the establishment of the Sikh rule by Ranjit Singh and its administrative structure in the Punjab. It also intends to provide knowledge about the prevailing political condition of Lahore Darbar after the death of Ranjit Singh and the British strategies to annex the Sikh rule into their empire in 1849. The course also highlights the role of the Punjab in the National movement and circumstances leading to the partition of the Punjab. It also aims to discuss the major issues and developments of the Punjab after independence such as rehabilitation of the refugees after partition and circumstances leading to the creation of Punjab Suba in 1966.

Unit–I

The Establishment and Expansion of Maharaja Ranjit Singh's Kingdom: Political Condition of the Punjab in the 1790s; Conquests of the Sikh principalities; Subjugation of the Satlej – Jamuna Divide and British Intervention; Subjugation of the Hill Principalities; Annexation of Afghan Dependencies; Policy towards the Defeated rulers; Extent of the Kingdom in 1839

Administrative Organization of the Kingdom of Lahore: Central, Provincial and Local Administration; Land Revenue System; Jagirdari System;Dharmarth Grants; Judicial Administration; Military Organization; State policy towards Agriculture, Manufactures and Trade

Unit–II

Annexation and After: First Anglo-Sikh War (1845-46); Second Anglo-Sikh War (1848-49); Regency Administration (1846-1849); British Administration (1849- 58); Economic Development: Communication, Agriculture, Trade and Industry

Socio-Religious Reform Movements in the late- Nineteenth Century: Christian Evangelicals;The AryaSamaj; The Nirankaris and TheNamdharis; The Singh Sabhas and The Ahmadiyas

Unit–III

Early Nationalist Activity; The Indian National Congress; Swadeshi and Boycott; The Ghadar Movement; RowlattSatyagrahs and the JallianwalaBagh; Non-Cooperation Movement; Hindustan Socialist Republican Army and Naujawan Bharat Sabha; Civil Disobedience and Quit India Movement

Gurdwara Reforms and the Akalis: Causes of the Movement for Reform; Central Sikh League; SGPC and the ShiromaniAkali Dal; Major Morchas; Gurdwara Legislation

Unit–IV

Towards Partition: Communal Politics; Sikander-Jinnah Pact; Lahore Resolution of the Muslim League; The Elections of 1945-46; Cabinet Mission Plan; Mountbatten Plan and Partition

The Punjab after Independence: Rehabilitation; Demand for Punjabi Speaking State;The Reorganization Act of 1966

Readings:

Indu Banga, *Agrarian System of the Sikhs,* Manohar Publications,New Delhi. Himadri Bannerjee, *Agrarian Society of the Punjab, Manohar,* New Delhi, 1982.

Fauja Singh,*Some Aspects of State and Society under Ranjit Singh,* Masyer Publishers,New Delhi, 1982.

J.S.Grewal, *The Reign of Maharaja Ranjit Singh,* PunjabiUniversity, Patiala, 1982.

_____, *The Sikhs of the Punjab: The New* Cambridge History of*India,*Cambridge University Press, New Delhi, 1919.

J.S.Grewal, and InduBanga(ed.), *Maharaja Ranjit Singh and his Times,* Guru NanakDev University,Amritsar, 1980.

Harbans Singh,*Encyclopedia of Sikhism, 4 Vols,* PunjabiUniversity, Patiala, 1992. Khushwant Singh,*History of the Sikhs (1839-1974)*, Vol. II, OxfordUniversity Press,Delhi, 1977.

Kirpal Singh,*Partition of Punjab,* Punjabi University, Patiala, 1989.S.R.Kohli,*Sunset of the Sikh Empire*, Orient Longmans, Bombay.

KamleshMohan,*Militant Nationalism in the Punjab(1918-1935),*Manohar Publication, Delhi,1985.

Mohinder Singh,*Akali Movement,* National Institute of Punjab Studies,New Delhi,1997.

H.K. Puri, *Ghadar Movement,* Guru Nanak Dev University, Amritsar, 1993.

Course Outcomes:

After completion of the course, the students will be able to learn:

CO-1 The political condition of the Punjab on the eve of the accession of RanjitSingh to power.

CO-2 The administrative structure and policies of the Lahore Darbar.

CO-3 The strategies and policies of the British to annex the Punjab in their Empire.CO-3 The role of Punjab in the freedom struggle of India.

CO-5 The creation of the Punjabi Suba in 1966.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Mathematics
Course Code: MAT-361A
PAPER–I: Linear algebra

Credit Hours /Week:- 4 **Total Marks: 50**
Total Hours:- 60 **Theory: 38 Marks**
Time:- 3 Hours **Internal Assessment: 12 Marks**

Instructions for Paper Setters:
The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
The Section–A will consist of seven compulsory questions, each of one mark.
The Section–B, C, D & E will consist of two questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries 6 marks.
Teaching time for this paper would be six periods per week.

Course Outcomes:
To understand the concepts of vector spaces, subspaces, bases, dimension and their properties.
To get familiar with Quotient space, Direct sum, linear span and linear independence.
To understand the concept of Rank and nullity of linear transformations.
To relate matrices and linear transformations.

Unit–I

Definition of groups, rings and fields with examples. Definition of a vector space, subspaces with examples. Direct sum of subspaces. Linear span, Linear dependence, Linear independence of vectors. Linear combination of vectors.

Unit-II

Basis of a vector space, Finitely generated vector spaces. Existence theorem for basis. Invariance of the number of elements of the basis set.
Dimension of sum of two subspaces. Quotient space and its dimension.

Unit–III

Linear transformation. Algebra of linear transformation. Rank- Nullity theorem, Isomorphism and Isomorphic spaces.

Unit-IV

Matrix of a linear transformation. Changes of basis, Linear operator.

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Books Prescribed:

K.Hoffman & R. Kunze: Linear Algebra, 2nd Edition, Prentice Hall, New Jersey, 1971.

V. Krishnamurthy, V. P. Mainra and J.L. Arora: An Introduction to Linear Algebra, East West Press, 1976.

Shanti Narayan & P.K. Mittal: A Text Book of Matrices, 10th Edition (2002), S.Chand & Co.

Surjit Singh: Linear Algebra, 1997.

Course Outcomes: On successful completion of this course, students will be able to :

Handle the problems based on vector spaces, subspaces, basis and dimensions.

Check the linear independence of vectors.

Form the linear combination of vectors.

Find the matrix corresponding to a linear transformation and vice versa.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Mathematics
Course Code: MAT-361B
Numerical Analysis

Credit Hours /Week:- 4	**Total Marks: 50**
Total Hours:- 60	**Theory: 37 Marks**
Time:- 3 Hours	**Internal Assessment: 13 Marks**

Instructions for Paper Setters:
1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of seven compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of two questions each. Students are to attempt any five Questions in total by selecting at least one question from each section. Each question carries 6 marks.
4. Teaching time for this paper would be six periods per week.
5. Use of Non-programmable scientific calculator is allowed.

Course Objectives:

Numerical analysis naturally finds application in all the fields of engineering and the physical sciences, but in the 21st century also the life sciences, social sciences, medicine, business and even the arts have adopted elements of scientific computations.

The content of this course is designed to make the students understand the use of Numerical analysis in detecting errors in numerical calculations,

It enable the students to solve linear and non-linear equations, in numerical differentiation and integration, to solve differential equations.

Unit–I

Error generation, propagation, error estimation and error bounds, Solution of non-linear equations, Bisection method, Iteration method, Newton's Method, Generalized Newton's Method, Method of false position, Muller's method, Rate of convergence of these methods. Solution of linear system of equation; Direct method, Gauss elimination variant (Gauss Jordan and Crout reduction), Triangular Method, Iterative Method, Jacobi's Method, Gauss Seidel Method.

Unit-II

Finite Differences: Forward, Backward, Central, Divided differences, shift operator, relationship between the operators and detection of errors by use of difference operator.

Unit–III

Interpolation with divided difference, Newton's formula, Lagrangian Method, Finite difference interpolation, Gauss formula, Stirling formula, Bessel's formula, Error Estimation Extrapolation. Numerical differentiation, Method based on interpolation. Numerical Integration, Trapezoidal rule, Simpson's rule, Weddle rule, Romberg Integration,

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Unit-IV

Gaussian integration method, Gaussian legendre integration. Double numerical integration. Numerical solution of ordinary differential equations, Initial value problem, Taylor's method, Euler's methods, Picard's method, Milne's Method, Runge-Kutta Method. Predictor- Corrector's Method.

Books Prescribed:

S.S. Sastry: Introductory Methods of Numerical Analysis, 2003 (3rd Edition), Prentice Hall of India.
2. A. Maritava Gupta and Subash Ch. Bose: Introduction to Numerical Analysis.

Course Outcomes: On completing the course, the students will be able to:
understand the use of Numerical analysis in detecting errors in numerical calculations.
solve linear and non-linear equations, in numerical differentiation and integration, to solve differential equations.
have the knowledge of the study of algorithms that use numerical approximation for the problems of mathematical analysis.
apply numerical analysis in all the fields of engineering, physical sciences, life sciences, social sciences, medicine, business and even the arts have adopted elements of scientific computations.
Analyze and evaluate the accuracy of common numerical methods.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Music (Vocal)
Course code: BMUV-3617-A
(Theory)

Credit hours /week: 2 **Total Marks: 100**
Total hours: 30 **Theory: 35 Marks**
Time: 3 Hours **Practical Marks: 40**
 Internal Assessment: 25 Marks

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

I. **While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.**
II. **The paper setter should set the paper into two sections A and B.**
III. **Section –A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.**
IV. **Section-B: The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.**

Program Objective: To provide the knowledge of different Gharana system in Indian classical music. To impart the knowledge of gurmat sangeet and great musicians of it. To understand the talas ragas and different gayanshallies of classical music.

Section-A

1. ImCOrtance of Globalization in Indian Music in Modern Period.
2. Method of formation of 72 Thatas of Dakhshini Music System of Pt. VyankatMukhi.
3. Detailed knowledge of Dhrupad & Dhammar Style of Singing.

Section-B

4. Detailed knowledge of following Gharanas of Khayal Gayaki.
    a. Gwalior, b.Kirana, c.Agra, d.Patiala e.Delhi
5. Essay writing on the following Topic:
    a. Music and Yoga b. Music & Literature

Section-C

6. Detailed description and notations:-

   a. Jaunpuri b. ShudhKalyan, c.Bhageshwari

7. Detailed study of the following Talas:

   a. Jhumra   b.Dhammar

Section-D

8. Life & Contribution of the following
   musicians:

a. Girija Devi   b. Fayyaaz Khan

9. Contribution of Sri Guru Gobind Singh Ji towards Indian Music.

Books Recommended:

1. Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2. Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.

3. Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.

4. Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.

5. Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6. Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.

7. Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991

8. Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Know about basic technique dhrupad and dhammar**.**

CO-2. Understand about Hindustani classical music in practical form

B.A. (12+3 System of Education) (Batch 2022-25)

B.A SEMESTER-VI
Music (Vocal)
Course code: BMUV-3617-B
(Practical)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

Time: 20 Minutes for each student

One Drut Khayal in each of the following Ragas with simple Alaps and Tanas: Jaunpuri, Shudh Kalyan , Bageshwari.
One Vilambit Khayal in any of the Ragas prescribed in the course with simple Alaps and Tanas.
One Dhammar in any of the prescribed in course.
One Shabad/Bhajan in any of the Ragas prescribed in the course.
Brief Knowlegde of Non-Detailed Ragas: Jansammohani, Ragageshwari, Asawari.
Ability to sing a Cinematic Song with the help of Harmonium.
Ability to recite Jhumra and Dhammar showing Khali Tali with handmotion in Ekgun, Dhugan Laikaris.
Ability to play five alankars on the Harmonium based on the Khamaj Thata.
Ability of play theka of Ektaal on Tabla.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER-VI
Music (Instrumental)
Course code: BMUI-3618-A
(Theory)

Credit Hours (per week): 2   **TotalMarks:100**
Total Hours: 30   **Theory Marks:35**
Time:3Hours   **Practical Marks:40**
                                                                Internal Assessment: 25

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

While sending the syllabus to paper setter in theory the syllabus prescribe for the practical paper should also be sent.
The paper setter should set the paper into two sections A and B.
Section –A: First question will consist of 7 objective type questions which will be compulsory to all carrying 01 mark each.
Section-B: The paper setter will set eight questions, selecting at least one question from each Section (A-D). Students are required to attempt any four questions, carrying 7 marks each.

Program Objective: It highlight the imCOrtance of swaras time theory of Indian music and imCOrtance of notation system in instrumental music and it also gives the knowledge of various ragas and talas.

Section-A

Role of media in Indian Music.
Short notes of the following terms:- Kan, Baaj, jamjama & Murki.

Section-B

Life & contribution of the following Musicians:
Nikhil Benerji   ii)   Vishav Mohan Bhatt

Fomation of 72 Thatas by Pt. VyankatMukhi.
Relation of Raga with Season & Time.
Detailed knowledge of Sahayak Nad.

Section-C
1. Detailed description and Notations of prescribed Ragas: Malhar, Vrindavani Sarang.
2. Detailed knowledge of following Ragas:- Bahar, Madhmaad sarang.

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Section-D
Detailed knowledge of following Talas:- Jhumra, Mat.
Salient features of Gurmat Sangeet.

Books Recommended:

1. Shri Harish Chander Srivastava, *Rag Parichya Part-1toIV*, Sangeet Sadan Prakashan South Malaka Allahabad. 1971.

2. Shanti Govardhan, *Sangeet Shastra Darpan Part-II (Punjabi),* published byPunjabi University, Patiala. 1972.

3. Vasant, *Sangeet Vishard*, Sangeet Karayalya, Hathras. 2013.

4. Shanti Govardhan, *Sangeet Shastra Darpan*, Ratnakar Pathak. 27 Mahajani Tola, Allahabad. 1972.

5. Lakshmi Narayan Garg, *Hamare Sangeet Rattan,* Sangeet Karyalaya, Hathras (U.P) 1978

6. Vishnu Narayan Bhathkhande,*Kramik Pustak Malika*. Sangeet Karyalaya, Hathras (U.P). 1970.

7. Dr. Gurnam Singh, *Sangeet Nibandhavli*, Published by Punjabi University, Patiala. 1991

8. Dr. Jitender Kaur, *Sikh Dharam Ate Bhakti Sangeet*, Unistar Book PVT. Chandigarh. 2013

Course Outcomes:

CO-1. Learn to play string instruments.
CO-2. Gain knowledge on raga and tala

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Music (Instrumental)
Course code: BMUI-3618-B
(Practical)

Credit Hours (per week): 4   **Marks- 40**
Total Hours: 60

Ability to play Ten Alankars of Khamaj Thata on your Instrument.

One Masitkhani and One Razakhani Gat in each of the following ragas with Toras

Malhar,Varindavani Sarang.

Razakhani Gat in each Raga.

Brief knowledge of following non detailed Ragas Bahar, Madhmaadh Sarang.

Ability to recite Jhumra, Mat Tal on hand in Ekgun and Dugun Layakaris.

One Gat in Dhamaar style in the prescribed Ragas.

Non-Detailed Ragas: Malhaar, Vrindavani Sarang.

Ability to sing a Shabad/Bhajan With Harmonium.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Course Code: BPED-3615
Physical Education

Credit Hours (per week): 4	**TotalMarks:100**
Total Hours: 60	**Theory Marks:45**
Time:3Hours	**Practical Marks:30**
	Internal Assessment: 25

Instructions for the Paper Setters:

Part A: Set 5 questions of very short answer type questions selecting at least one from each section. All questions are compulsory. Each question carries 2 marks.   5×2 Marks =10 Marks
Part B: Divided into 4 sections. Set 10 questions of long answer type questions, selecting atleast two from each section. Each question carries 5 marks.   7×5 Marks=35 Marks

Instructions for the candidates:

Part A: All questions are compulsory. Each question carries 2 marks.   5×2 Marks =10 Marks
Part B: Candidates have to attempt 7 Questions out of 10.
Each question carries 5 marks.   7×5 Marks=35 Marks

Course Objective:

- **To teach students about effects of exercise on various body systems.**
- **To impart knowledge regarding organizing various types of tournaments.**
- **To impart knowledge of various sports training methods.**
- **To guide students about techniques of improvement of performance.**

Section A
1. Effect of exercises on muscular, respiratory and circulatory systems.
2. General concept of Vital capacity, Blood Pressure.
3. Tournaments: Draw of fixture, types of tournaments.
(a) Knock Out
(b) League

Section B
4. Organization of Camps, Play days (Sports Meet)
5. Need and scope of coaching in India. Professional Preparation of coaches. Qualifications and responsibilities of coach.
6. Meaning and Importance of Kinesiology.

Section C
7. Joints, Muscles, their types and Movements.
8. Therapeutic Exercises, their classification and benefits.
9. Components of Physical Fitness: Body Composition, Speed, Strength, Endurance, Agility, Coordination, Balance, Reaction Time, Flexibility and Cardio Respiratory Endurance.

Section D
10. Introduction to sports training cycle Micro, Meso and Macro cycle?
11. Training Methods: Circuit, Interval, Fartlek, Weight-Training and Cross Country.
12. Methods of Improving Strength, Speed, Endurance, Flexibility and Agility.

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B.A. SEMESTER–VI
Physical Education (Practical)

Practical (External) Marks: 30

PHYSICAL EDUCATION
(PRACTICAL)
Marks: 30
Athletics Performance ------------1500M, Javelin Throw : 6 marks
Games ---------- Fundamentals, Rules, Performance

Kabbadi,Badminton: 6 marks
Viva : 6 marks
Practical file: 6 marks
Specific game performance : 6 marks

Suggested Readings:
Singh Kanwaljeet and Singh Inderjeet: Sports Sociology, Friends Publication, New Delhi 2000.
Tandon D.K. et.al,: Scientific Basis of Physical Education and Sports, Friends Publication New Delhi, 2001.
Singh Ajmer and Gill Jagtar: Essentials of Physical Education and Olympic movement, Kalyani Publishers, Ludhiana, 2004.
Kang G.S.,: Anatomy, Physiology and Health Education, Publication Bureau, Punjabi University Patiala 2000.
Kang G.S. and Deol, N.S.: An Introduction to Health and Physical Education 21st Century, Patiala, 2008.

Sr. No.	On completing the course students will be able to:
CO1	Students become aware effects of exercise on various body systems
CO2	Students become aware organizing sports events in institutions
CO3	Students get knowledge of various sports training methods

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Political Science
Course Code: BPOL-3613
International Politics: Theory and Practice

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.

Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.

Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The purpose of the course is to develop understanding about the concepts and theories of International politics; make the students aware about clash of national interests and subsequent struggle for power among nations; provide knowledge about regional and global institutions engaged in promoting international peace and security and to acquaint the students with new challenges to the established world order like wars, ethnic violence, terrorism, human rights violation, global warming etc..

UNIT-I

1. Meaning, Nature and Scope of International Politics.
2. Approaches to International Politics – Realist, Idealist and Marxist.

UNIT- II

3. National Power: Kinds, Elements and Limitations.
4. Balance of Power System and Collective Security System.

UNIT- III

5. Cold War: Nature of Post -Cold War era of International Politics.
6. Bipolarity, Unipolarity and Emerging Multi-polarity.
7. Global Politics over Terrorism since 9/11.

UNIT- IV

8. Regional Organisations: SAARC and EU.
9. UNO: Principles, Objectives and Working.
10. WTO: Structure and Working.

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Recommended Books:-

1. Andreas Wenger & Doron Zimmer Mann, *International Relations From the Cold War to the Globalized World*, New Delhi: Viva Books, 2006.
2. John Allphin Moore, Jr. and Jerry Pubantz, *The New United Nations, International Organization in the Twenty First Century,* New Delhi: Pearsons, 2008.
3. John Baylis and Steve Smith, *Globalization of World Politics,* New Delhi: Oxford University Press, 2005.
4. Joshua S. Goldstein, *International Relations,* New Delhi: Pearson Education, 2006.
5. Ken Booth and Tony Erstine (ed.), *International Relations Theory Today, Cambridge*; Polity Press, 2016.
6. Mahendra Kumar, *Theoretical Aspects of International Politics*, Agra: Shiva Lal Aggrarwal & Company, 1978.
7. Palmer and Perkins, *International Relations*, Delhi, CBS Publishers, 1985.
8. Pardeep Solanki, *Politics of Global Climates Change*, New Delhi: Amazing Publications 2015.
9. Parmjit Kaur Gill and Sheveta Sehgal, *Dynamics of International Relations: Moving from International to Global, Theory& Practic*e, New Delhi: Atlantic, 2012.
10. Pushpesh Pant, *International Relations in 21st Century,* New Delhi, MC Graw Hill Education, 2015.
11. R.P. Barston, *Modern Diplomacy,* New Delhi: Pearsons, 2006.
12. Rumki Basu (ed.) *International Politics: Concepts, Theories and Issues*, New Delhi: Sage, 2012.
13. S. Chaturvedi and T. Dayle, *Climate Terror: A Critical Geopolitics of Climates Change*, Palgrave Macmillan, 2015.
14. Supriya Iyer, *Theory of International Relations*, New Delhi: Global Vision Publishing House, 2018.
15. V.K. Malhotra, *International Relations,* New Delhi: Anmol Publishers, 2004.
16. V.N. Khanna, *International Relations,* New Delhi: Vikas Publishing House, 2011.

Course Outcomes:

CO-1 Helps the students to understand the forms and working of the political systems of UK and USA.

CO-2 Enables the students to have a deep look on the working of political parties, pressure groups etc.

CO-3 Provides valuable information about the Constitutions of UK and USA.

CO-4 helps in making comparative study of the constitution of UK and USA.

CO-5 Helps the students to find employment opportunities in the subject.

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Psychology
BPSY-3611
Abnormal Psychology–II (Theory)
(Theory)

Credit Hours (per week):4   **Max. Marks: 100**
Total Hours: 60   **Theory: 50 Marks**
Time: 3 Hours   **Practical: 25 Marks**
                                                           Internal Assessment: 25 Marks

Instructions for the Paper Setters:

Section A: This section will consist of ten short answer type questions, each carrying 2 marks. All questions will be compulsory. Answer to each question shall be in 50 words approximately. The total weightage of this section shall be 20 marks.
Section B: This section will consist of six questions. Candidates shall attempt any three questions. Each question carries 10 marks.

Note: The use of Non–Programmable calculators and Statistical Tables are allowed in the examination.

Course Objectives:
This course will mainly focus on enhancing the knowledge of students regarding different psychological disorders with the help of case studies. It will help them in diagnosing and treating mental illnesses effectively. Moreover, they will be taught therapies to convert maladaptive patterns of thoughts into adaptive ones.

UNIT-I
Anxiety Based Disorders: Symptoms, Etiology and Treatment of Obsessive-Compulsive Disorder, Generalized Anxiety Disorder & Phobias, Classification of Somatoform Disorders– Symptoms & Etiology (Conversion Disorder). Dissociative disorders–Types, Symptoms and Etiology.
Personality Disorders: Clinical Features, Types and causal factors in Personality Disorders (Paranoid, Schizoid, Schizotypal, Histrionic, Narcissistic, Antisocial, Borderline, Avoidant, Dependent, Obsessive-Compulsive, Passive Aggressive, Self-Defeating & Sadistic.

UNIT-II
Antisocial Personality & Delinquency: Clinical Picture, Characteristics, Causes, Treatment & Outcomes.
Mood Disorders: Types and Symptoms, Causes and treatment.

UNIT-III
Schizophrenia: Symptoms, Causes, Types and Treatment.
Therapies: Psychodynamic, Behavioral, Cognitive-Behavior Therapy (Rational Emotive) & Humanistic therapy.

Suggested Readings:

1. Barlow, D.H., & Durand, V.M. (2007). *Abnormal Psychology: An Integrative Approach*. Australia: Thomson Wordsworth.
2. Broota, K.D. (1989). *Experimental Designs in Behavioral Research*. New Delhi: Wiley Eastern Limited.
3. Carson, R.C., Butcher, J.N., & Mineka, S. (1997). *Abnormal Psychology and Modern Life*. New York: Harper Collins.
4. Davison, G.C., & Neale, J.M. (1998). *Abnormal Psychology*. New York: John Wiley and Sons.
5. Garrett, H.E., & Woodworth, R.S. (1969). *Statistics in Psychology and Education. Bombay*: Vakils, Feffer & Simons Pvt.Ltd.
6. Hooley, J. M., Butcher, J. N., Nock, M., & Mineka, S. (2017). *Abnormal psychology* (17th ed.). Pearson.
7. Sarason, I.G., & Sarason, B.R. (1996). *Abnormal Psychology*. New Delhi: Prentice Hall of India.
8. Singh, A. (1994). *Asadharan Manovigyan*. Punjabi University, Patiala: Publication Bureau.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	Describe the diagnostic criteria, symptoms, etiology, treatment and prognosis of major mental disorders by discussing case studies.
CO2	Gain expertise in applying psychological tools to diagnose various psychological problems.
CO3	Get an insight into the skills required by a psychologist to treat various psychological problems.

B.A. SEMESTER–VI
Psychology
BPSYP-3611
Abnormal Psychology–II (Theory)
(PRACTICAL)

Credit Hours (per week): 2
Marks: 25
Total Hours: 20

Instructions for the Practical Examination:

Students are supposed to perform five practical out of six mentioned in the syllabus. Practical examination will be of three hours duration. External examiner will conduct the practical examination. Students will perform one practical in the exam carrying 25 marks. Evaluation of the practical would be done on the basis of write–up of file book (10 Marks), performance and viva–voce (15 Marks) related to the practical.

Course objectives: The main aim is to enable students to administer psychological tools to assess psychopathology. It will help them to diagnose the psychological problems with the help of questionnaires related to personality, anxiety, depression and frustration.

Five Practical have to be performed out of the following:

1. Projective Techniques (T.A.T. / Incomplete sentence blank test).
2. Measurement of Anxiety- State-Trait Anxiety Test (STAT)
3. Parenting Scale/Home Environment Scale.
4. Measurement of Aggression-by-Aggression Questionnaire (AQ).
5. Measurement of Depression by using Beck's Depression Inventory.
6. Rosenweig's Picture Frustration Test.

COURSE OUTCOMES (Cos)	
Sr. no.	**On completing the course, students will be able to**
CO1	Assess the level of anxiety, depression and frustration among people with the help of psychological questionnaires.
CO2	Deal with the psychological issues of human beings in an effective manner.

B.A. SEMESTER–VI
Public Administration
Course Code: BPUB-3614
Development Administration

Credit Hours (Per Week): 4   **Max. Marks: 100**
Total Hours: 60   **Theory: 75 Marks**
Time: 3 Hours   **Internal Assessment: 25 Marks**

Marks Instructions for the Paper Setter:
Medium of Instructions is Punjabi, Hindi and English.
Section-A: This section will consist of eight short answer type questions to be set from the entire syllabus. The students all to attempt five questions in 100 words, each carrying 03 marks. Total weightage of this section shall be 15 Marks.
Section-B: This section will consist of four units. The examiner shall set two questions from each unit of the syllabus. The student shall attempt one question from each unit in about 1000 words. Each question shall carry 15 marks. The total weightage of this section shall be 60 marks.

Course Objectives:

The course aims at developing understanding about the nature and significance of Development Administration in India; providing knowledge about different economic models-mixed and capitalist-the Indian state applied to solve socio-economic problems; make the students aware about the various institutions involved in planning process and role of government and non-governmental organisations to protect the rights of the marginalized sections of the Indian society.

UNIT-I

1. Development Administration: Meaning, Nature & Scope.
2. Main features of Development Administration in India.
3. Mixed Economy Model & its Rationale.

UNIT- II

4. National Institution for Transforming India (NITI Ayog), National Development Council.
5. Planning Machinery at State & District Level.
6. Formulation and Implementation of Development Programmes and Projects.

UNIT- III

7. Growth and Role of Public Sector in India, Forms and Features of Public Enterprises.
8. Administrative Problems of Public Sector.
9. Parliamentary and Executive Control over Public Sector.
10. New Economic Policy, Public Sector Reforms and Privatization.

UNIT- IV

11. Welfare measures for Scheduled Castes, Scheduled Tribes and Other Backward Classes.
12. Welfare Measures for Women and Children: Women Commission and Related Bodies.
13. Central Social Welfare Board: Composition and functions.
14. Role of Voluntary Agencies in Social Welfare.

Suggested Readings: -
1. D.R. Sachdeva, *Social Welfare Administration in India*, Allahabad: Kitab Mahal, 1993.
2. Dawivedi, O.P. *Development Administration: From Underdevelopment to Sustainable Development,* London: Macmillan, 1994.
3. K.B. Srivastava, *New Perspectives in Development Administration in India*, New Delhi: Concept Publishing, 1994.
4. K.K. Puri and G.S. Brar, *Development Administration*, Jallandhar: Bharat Parkashan, 1993.
5. M. Bhattachary, *Development Administration: Search for Alternative*, New Delhi: Jawahar Publishers and Distributors, 1997.
6. M. Bhattacharya, *Bureaucracy & Development Administration*, Delhi: Uppal Publishing House, 1979.
7. R.D. Sharma, *Development Administration: Theory and Practice*, Delhi: H.K. 1Publishers, 1989.
8. R.K. Sapru, *Development Administration*, New Delhi: Sterling Publishers, 2004.
9. S. L. Goel and R. K. Jain, *Social Welfare Administration*, Vol. I & II, New Delhi: Deep & Deep, 1988.
10. S.P. Verma and S.K. Sharma, Eds., *Development Administration*, Delhi: IIPA, 1984.
11. S.S. Kapoor, *Women and Welfare: A Study of Voluntary Agencies*, New Delhi: Indus Publishing, 1995.
12. S.S. Khera, *Government in Business*, New Delhi: National Publishing House, 1977.
13. Singh, S. & Singh, S. *Public Administration: Development and Local Administration,* Jallandhar: New Academic Publishers, 2010.\

Course Outcomes:
CO-1 Helps in understanding the nature and importance of Development Administration in the developing nations including India.
CO-2 Enhances the understanding of India's economic model and its rationale for socio-economic development.
CO-3 Provides knowledge about the planning machinery that work at national, regional and local level in India.
CO-4 Acquaints the students with the role and growth of public sector in India.
CO-5 Familiarize with the various welfare measures for SCs, STs, OBC, women and Children

B.A. SEMESTER–VI
Religious Studies
ਧਰਮ ਅਧਿਐਨ
Course Code – BARS-614
(ਸਿੱਖ ਧਰਮ ਅਤੇ ਸੰਸਥਾਵਾਂ)

ਕ੍ਰੈਡਿਟ: 04   ਕੁੱਲ ਅੰਕ : 100
ਕੁੱਲ ਘੰਟੇ : 60   ਥਿਊਰੀ ਅੰਕ : 75
ਸਮਾਂ : 3 ਘੰਟੇ   ਇੰਟਰਨਲ ਅਸੈੱਸਮੈਂਟ : 25

ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ:

ਪੇਪਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ : ੳ, ਅ, ੲ, ਸ ਅਤੇ ਹ। ਭਾਗ ੳ, ਅ, ੲ, ਸ ਵਿਚੋਂ 2-2 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਇੱਕ-ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਹੋਵੇਗਾ ਅਤੇ ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ 'ਹ' ਵਿਚੋਂ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ 15 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਜਿਹੜੇ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ 1-1 ਅੰਕ ਦਾ ਹੋਵੇਗਾ।

Course Objectives
ਕੋਰਸ ਦੇ ਉਦੇਸ਼:

ਇਸ ਕੋਰਸ ਦਾ ਉਦੇਸ਼ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਿੱਖ ਧਰਮ ਦੇ ਆਰੰਭ ਤੇ ਵਿਕਾਸ ਦੀ ਜਾਣਕਾਰੀ ਦੇਣਾ ਹੈ। ਇਸ ਕੋਰਸ ਵਿਚ ਵਿਦਿਆਰਥੀ ਨੂੰ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦੇ ਸਮਕਾਲੀ ਧਾਰਮਿਕ, ਸਮਾਜਿਕ ਅਤੇ ਰਾਜਨੀਤਿਕ ਹਲਾਤਾਂ, ਗੁਰੂ ਜੀ ਦੀਆਂ ਉਦਾਸੀਆਂ, ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਜੀ ਤੋਂ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਤੱਕ ਸਿੱਖ ਧਰਮ ਦੇ ਵਿਕਾਸ ਸਬੰਧੀ ਜਾਣਕਾਰੀ ਦੇਣਾ। ਸਿੱਖ ਧਰਮ ਦੀਆਂ ਮੁੱਢਲੀਆਂ ਸੰਸਥਾਵਾਂ ਗੁਰਦੁਆਰਾ ਸੰਗਤ, ਪੰਗਤ, ਮੰਜੀ ਪ੍ਰਥਾ, ਮਸੰਦ ਪ੍ਰਥਾ, ਦਸਵੰਧ ਅਤੇ ਪ੍ਰਮੁੱਖ ਲਹਿਰਾਂ: ਨਾਮਧਾਰੀ, ਸਿੰਘ ਸਭਾ ਅਤੇ ਗੁਰਦੁਆਰਾ ਸੁਧਾਰ ਲਹਿਰ ਤੋਂ ਵਿਦਤ ਕਰਾਉਣਾ।

ਭਾਗ (ੳ) : ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਤੇ ਸਿੱਖ ਧਰਮ ਦਾ ਆਰੰਭ

1. ਸਮਕਾਲੀਨ ਪਰਿਸਥਿਤੀਆਂ : ਧਾਰਮਿਕ, ਸਮਾਜਿਕ, ਰਾਜਨੀਤਿਕ
2. ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦੀਆਂ ਉਦਾਸੀਆਂ
3. ਸਿੱਖ ਧਰਮ ਦਾ ਵਿਕਾਸ : ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਜੀ ਤੋਂ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਤੱਕ

ਭਾਗ (ਅ) : ਸਿੱਖ ਧਰਮ ਦਾ ਵਿਕਾਸ : ਗੁਰੂ ਹਰਗੋਬਿੰਦ ਜੀ ਤੋਂ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਤੱਕ

1. ਗੁਰੂ ਹਰਗੋਬਿੰਦ ਜੀ ਤੋਂ ਗੁਰੂ ਹਰਿਕ੍ਰਿਸ਼ਨ ਤੱਕ
2. ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ : ਸ਼ਹਾਦਤ ਦਾ ਮਹੱਤਵ ਤੇ ਇਤਿਹਾਸਿਕ ਕਾਰਨ
3. ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਖਾਲਸਾ ਸਿਰਜਣਾ

ਭਾਗ (ੲ) : ਬੁਨਿਆਦੀ ਸੰਸਥਾਵਾਂ

1. ਗੁਰਦੁਆਰਾ, ਸੰਗਤ ਤੇ ਪੰਗਤ
2. ਮੰਜੀ ਪ੍ਰਥਾ ਤੇ ਮਸੰਦ ਪ੍ਰਥਾ
3. ਦਸਵੰਧ

ਭਾਗ (ਸ) : ਪ੍ਰਮੁੱਖ ਲਹਿਰਾਂ

1. ਨਾਮਧਾਰੀ ਲਹਿਰ
2. ਸਿੰਘ ਸਭਾ ਲਹਿਰ
3. ਗੁਰਦੁਆਰਾ ਸੁਧਾਰ ਲਹਿਰ

ਸੁਝਾਈਆਂ ਪੁਸਤਕਾਂ ਦੀ ਸੂਚੀ:

English:

1. Ganda Singh (Ed.), *Punjab: Past and Present*, (Singh Sabha Issue), Punjabi University, Patiala, 1973.
2. Ganda Singh, *The Singh Sabha and Other Socio-religious Movements in the Punjab*, Punjabi University, Patiala, 1997.
3. J.N. Farquhar, *Modern Religious Movements in India*, Munshi Ram, Manohar Lal, New Delhi, 1967.

Punjabi:

1. ਅਸ਼ੋਕ, ਸ਼ਮਸ਼ੇਰ ਸਿੰਘ, *ਪੰਜਾਬ ਦੀਆਂ ਲਹਿਰਾਂ*, ਅਸ਼ੋਕ ਪੁਸਤਕਮਾਲਾ, ਪਟਿਆਲਾ, 1974.
2. ਗੰਡਾ ਸਿੰਘ (ਸੰਪਾ.), *ਪੰਜਾਬ* (ਭਾਈ ਜੋਧ ਸਿੰਘ ਅਭਿਨੰਦਨ ਗ੍ਰੰਥ), ਪੰਜਾਬੀ ਸਾਹਿਤ ਅਕਾਦਮੀ, ਲੁਧਿਆਣਾ, 1962.
3. ਗੰਡਾ ਸਿੰਘ, ਤੇਜਾ ਸਿੰਘ, *ਸਿੱਖ ਇਤਿਹਾਸ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2013.
4. ਭਗਤ ਸਿੰਘ, *ਪੰਜਾਬ ਦਾ ਇਤਿਹਾਸ*, ਪੰਜਾਬ ਯੂਨੀਵਰਸਿਟੀ, ਟੈਕਸਟ ਬੁੱਕ ਬੋਰਡ, ਚੰਡੀਗੜ੍ਹ,1983.
5. ਭਾਟੀਆ, ਨਰਿੰਦਰ ਕੌਰ, ਜਸਵਿੰਦਰ ਕੌਰ ਢਿੱਲੋਂ (ਸੰਪਾ.), *ਪ੍ਰਮੁੱਖ ਸਿੱਖ ਸੰਸਥਾਵਾਂ*, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ, 2005.
6. ਜਗਜੀਤ ਸਿੰਘ, *ਸਿੰਘ ਸਭਾ ਲਹਿਰ*, ਲਾਹੌਰ ਬੁਕ ਸ਼ਾਪ, ਲੁਧਿਆਣਾ, 1974.

Course Outcomes:
ਕੋਰਸ ਦੇ ਨਤੀਜੇ:

ਕੋਰਸ ਪੂਰਾ ਹੋਣ 'ਤੇ ਵਿਦਿਆਰਥੀ ਜਾਣ ਲੈਣਗੇ:

1. ਸਿੱਖ ਧਰਮ ਦੇ ਆਰੰਭ 'ਤੇ ਵਿਕਾਸ ਬਾਰੇ।
2. ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦੇ ਸਮਕਾਲੀ ਧਾਰਮਿਕ, ਸਮਾਜਿਕ ਅਤੇ ਰਾਜਨੀਤਿਕ ਹਲਾਤਾਂ, ਉਨ੍ਹਾਂ ਦੀਆਂ ਉਦਾਸੀਆਂ ਅਤੇ ਉਨ੍ਹਾਂ ਦੇ ਉਦੇਸ਼ ਤੇ ਪ੍ਰਭਾਵ ਬਾਰੇ ਜਾਣੂ ਹੋਣਗੇ।
3. ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਜੀ ਤੋਂ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਤੱਕ ਸਿੱਖ ਧਰਮ ਦੇ ਵਿਕਾਸ ਬਾਰੇ ਜਾਣੂ ਹੋਣਗੇ।
4. ਗੁਰਦੁਆਰਾ ਸੰਗਤ, ਪੰਗਤ, ਮੰਜੀ ਪ੍ਰਥਾ, ਮਸੰਦ ਪ੍ਰਥਾ, ਦਸਵੰਧ ਬਾਰੇ ਜਾਣੂ ਹੋਣਗੇ।
5. ਪ੍ਰਮੁੱਖ ਲਹਿਰਾਂ: ਨਾਮਧਾਰੀ, ਸਿੰਘ ਸਭਾ ਅਤੇ ਗੁਰਦੁਆਰਾ ਸੁਧਾਰ ਲਹਿਰਾਂ ਬਾਰੇ।

B.A. SEMESTER–VI
Sociology
Course Code: BSOC-3608
Social Research and Scientific Methods

Credit hours (Per Week) :4   **Max. Marks: 100**
Time: 3 Hours   **Theory: 75**
Total hours: 60   **Internal Assessment: 25**

Instructions for the Paper Setters:

Section–A It will consist of **Ten very short answer questions.** Answer to each question will be five to seven lines. All questions will be compulsory. Each question will carry two marks. Total weightage of this section is **20 marks.**
Section–B It will consist of seven questions and candidates have to attempt any five questions. Answer to each question should be 250 words**. Each question will carry five marks**. Total weightage of this section is **25 marks**.
Section–C It will consist of five questions at least two from each unit. Candidates have to attempt three questions at least one from each unit. Answer to each question should be of 3 pages or 500 words. **Each question will carry 10 marks**. Total weightage of this section is **30 marks.**

Course Objectives:

1. To inculcate Research Aptitude among students.
2. To impart knowledge of different methods of social research.
3. To aware students about different Research designs
4. To impart knowledge about various tools of Data Collection, methods of analysis and report writing

Unit-I
i. **Social Research:** Meaning and Functions.
ii. **Scientific Methods:** Nature, Steps and Types-quantitative and Qualitative.
iii. **Design of Social Research:** Meaning and Types: Exploratory, Descriptive, Diagnostic, Experimental.

Unit-II

i. **Sampling** and its types.
ii. **Methods and Techniques of Data Collection:** Observation, Questionnaire, Interview Schedule and Case Study.
iii. **Analysis of data:** Table, Graphs, Steps of Report writing.

Books Recommended for Paper VI

1. Bajpai, S.R.: *Methods of Social Survey & Research,* Kitab Ghar, Kanpur, 1976.
2. Goode and Hatt: *Methods in Social Research,* McGraw Hill, Tokyo, 1952.
3. Ghosh, B.N.: *Scientific Method & Social Research,* Sterling Publications, New Delhi, 1985.
4. Jammu I.S.: *Samajak Vigyan Pattar,* No.-26-28, Punjabi University, Patiala, 1998.
5. Jaspal Singh: *Introduction to Methods of Social Research,* Sterling, New Delhi, 1990.
6. Jayaram, N.: *Research Methodology: Methods and Techniques,* Mac Millian, Madras, 1989.
7. Kalton, Graham: *Introduction to Survey Sampling,* Sage, New Delhi, 1983.
8. Kapila, S.: *Methods of Social Research,* New Academic Publishing Co., Mai Hiran Gate, Jalandhar' 1991.
9. Kapila, S.: *Fundamentals of Sociology,* Vol. III, Panchkula, Kapila Publishers, 2006.
10. Paramjit Singh: *Samaj Vigyanik Drishtikonte Sidhant,* Panjabi University, Patiala, 1997.
11.. Judge, P. S. (2021). *Doing Social Research*. India: Rawat Publications.

Course Outcomes:

CO1. Students develop Research Aptitude.
CO2. They become familiar with different methods of social research.
CO3. Students learns about different Research Designs.
CO4. They learn about various tools of Data Collection, methods of analysis and report writing.

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B.A. SEMESTER–VI
Statistics
Course Code: STA-361A
Paper–I: Economic Statistics

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

Instructions for the Paper Setters:
1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of three questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week and two periods per week for practical.

SECTION–A
Introduction to index number, problems in the construction of index numbers, Laspyeres, Passche's, Drobish-Bowley, Walsh Marshal-Edgworth and Fisher's formulae for index numbers.

SECTION–B
Errors in index numbers, various tests for the criterion of a good index numbers, chain index number, cost of living index numbers, uses of index numbers.

SECTION–C
Introduction of time series, the four components of a time series, measurement of secular trend by graphic method, method of semi averages, the method of moving averages and fitting of mathematical curves.

SECTION–D
Measurement of seasonal fluctuations by method of simple averages, ratio to moving average, ratio to trend and link relative methods, measurement of cyclical fluctuations (excluding periodogram analysis).

Books Recommended:
1. Goon, A.M., Gupta, M.K. and Dasgupta, B., Fundamentals of Statistics, Vol.-II, World Press, 2005.
2. Medhi, J., Statistical Methods. New Age International Publishers, 2000.
3. Nagar, A.L. and Das, R.K., Basic Statistics, Oxford University Press, 2005.
4. Gupta, S.C. and Kapoor, V.K., Applied Statistics, Sultan Chand and Company, 2007.

B.A. SEMESTER–VI
Statistics
Course Code: STA-361B
Paper–II: Vital Statistics and Industrial Statistics

Credit Hours (Per Week):4   **Maximum Marks: 35**
Total Hours: 60 hrs   **Theory Marks: 26**
Time: 3 Hours   **Theory Internal Assessment: 09**

  Medium: English
  Instructions For The Paper Setters:
1. The question paper will consist of five sections namely Section-A which will be from entire syllabus (equally distributed from each unit), Section–B, C, D & E from Unit-I, II, III& IV, respectively.
2. The Section–A will consists of six compulsory questions, each of one mark.
3. The Section–B, C, D & E will consist of three questions each. Students are to attempt any five questions in total by selecting at least one question from each section. Each question carries four marks.
4. Teaching time for theory paper would be six periods per week and two periods per week for
     practical.

SECTION–A
 Vital statistics, data for vital statistics, rate of vital events, measurement of mortality, crude, specific and standardized death rates, cause of death, infant Mortality. Fertility rates. Measurement of fertility.
SECTION–B
Crude birth rate, general fertility rate, age specific fertility rate, general and total fertility rates. Measurement of population growth, growth reproduction rate and net reproduction rate.
SECTION–C
Statistical quality control: chance and assignable causes, process and product control, the techniques of control charts for process control, three sigma limits and specification limits. Schewharts Control charts for mean, S.D. and Range, Control Chart for number of defective and fraction defective, control charts for number of defects.
SECTION–D
Advantages of process control, sampling inspection by attributes for product control, the concept of producer's and consumer's risks, AQL, LTPD, AOQL, ASN, ATI and OC functions and curves, single and double sampling plans and their properties.

Books Recommended:
1. Goon, A.M., Gupta, M.K. and Dasgupta, B., Fundamentals of Statistics, Vol.-II, World Press, 2005.
2. Medhi, J., Statistical Methods. New Age International Publishers, 2000.
3. Nagar, A.L. and Das, R.K., Basic Statistics, Oxford University Press, 2005.
4. Gupta, S.C. and Kapoor, V.K., Applied Statistics, Sultan Chand and Company, 2007.

B.A. SEMESTER–VI
Statistics
Course Code: STA-361P
Practical Based on Paper–I: Economic Statistics
and
Paper–II: Vital Statistics and Industrial Statistics

Credit Hours (Per Week): 3	**Maximum Marks: 30**
Total Hours:45 hrs.	**Practical Marks: 22**
Time: 2 Hours	**Internal Assessment Practical: 08**

Teaching time for practical paper would be one hour per week.

List of practical exercises 1. Exercises on construction of index numbers: Laspyere's, Passche's, Drobish-Bowley's, Walsh Marshal-Edgworth's, Fisher's
2. Exercises on measurements of secular trend using graphic method, semi averages method, curve fitting method and moving average method
3. Exercises on fitting of various mathematical curves using least square principle
4. Exercises on measurements of seasonal fluctuations using simple average method, ratio to trend method, ratio to moving averages, and link relative method
5. Exercises on measurements of mortality: crude death rate, specific death rate, standardized death rate
6. Exercises on measurements of fertility: crude birth rate, general fertility rate, specific fertility rate, total fertility rate 7. Exercises on measurements of population growth: Crude rate, gross reproduction rate, net reproduction rate
8. Exercises on construction of three sigma limits of control charts for mean, standard deviation, and range
9. Exercises on construction of three sigma limits of control charts for number of defective, fraction defective, and number of defects.

Students are required to prepare a practical note book with at least 15 exercises based upon the above list. At the end of semester, there is a practical examination jointly conducted by two examiners (one is internal and other one is external). External examiner is appointed by the university and the internal examiner is appointed by the principal of the concerned college. This practical examination will cover a written test followed by a viva-voce to test the practical knowledge of students about the contents. The candidates are allowed to use Non–Programmable calculators. The distribution of marks is as under:
1. Practical Note book: 05
2. Viva – voce: 10
3. Exercises: 15

B.A. (12+3 System of Education) (Batch 2022-25)

B.A. SEMESTER–VI
Theatre Studies
Course Code: BTHS-3616
Project Work

Maximum Marks: 100
Theory Marks: 00
Practical Marks: 75
Internal Assessment: 25

(Course Objective)	(Course Outcomes)
• The main purpose is to give the knowledge about a Theatrical production process.	• Students develop the skill of creative work and a project done by students under the guidance.

Note: 1. Assignment: in this semester students will be given project of theatre production which will be staged at the end of semester in front of two evaluators, one internal & one external. Both evaluators will give marks out of 40 for the production assignment on the basis of the role student played (both on stage and off stage).

2. Viva Voce: After the performance the student will asked questions by external evaluator and given marks out of 35