

2018-19
B.A. (HONOURS) ENGLISH
Semester-III

PAPER I	BHE 301	Elements of Novel-I	Marks: 50
PAPER II	BHE 302	Elizabethan Drama	Marks: 50
PAPER III	BHE 303	Romantic Poetry	Marks: 50
PAPER IV	BHE 304	Indian Fiction in English	Marks: 50
PAPER V	BHE 305	History of English Literature (1625-1750)	Marks: 50
PAPER VI	BHE 306	American Fiction and Prose	Marks: 50
PAPER VII	BHE 307	Sociology: Social Change in India	Marks: 50
PAPER VIII	BHE 308	Punjabi	Marks : 50
PAPER IX	ESL 221	*Environmental Studies	Marks: 50

2018-19
B.A. (HONOURS) ENGLISH
Semester-IV

PAPER I	BHE 401	Elements of Novel-II	Marks: 50
PAPER II	BHE 402	English Drama: Jacobean Period to 19th century	Marks: 50
PAPER III	BHE 403	Victorian Poetry	Marks: 50
PAPER IV	BHE 404	Indian Poetry and Drama	Marks: 50
PAPER V	BHE 405	History of English Literature (1750-1850)	Marks: 50
PAPER VI	BHE 406	American Poetry and Drama	Marks: 50
PAPER VII	BHE 407	Sociology: Social Change in India	Marks: 50
PAPER VIII	BHE 408	Punjabi	Marks: 50
PAPER IX	ESL 222	*Environmental Studies	Marks: 50

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER– III)
Paper I: Elements of Novel-I
Code : (BHE 301)

Time: 3 Hours

Max. Marks: 50
Theory 40
Internal assessment 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 500 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Unit-I

Literary Terms:

Epistolary Novel, Picaresque Novel, Gothic Novel, Regional Novel, Prose Romance, Novel of Sensibility, Stream of Consciousness, Utopias and dystopias, Character and Characterization, Setting, Atmosphere, Point of View, Limited and Omniscient, Story and Situation, Narration-First person and third person, Narrator- Reliable and unreliable, Telling and showing

Unit –II

1. Thomas Hardy: *The Mayor of Casterbridge*
2. F. Scott Fitzgerald : *Great Gatsby*
3. Ernest Hemingway: *The Old Man and The Sea*

Prescribed text:

Glossary of Literary terms : M.H.Abrams, Wadsworth CENGAGE learning Publication 8th Edition ,2008

Thomas Hardy: *The Mayor of Casterbridge* , Panorama Classics,2013

F. Scott Fitzgerald : *Great Gatsby*. Penguin,2000

Ernest Hemingway: *The Old Man and The Sea*,Penguin, London.2004

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER– III)
Paper II: Elizabethan Drama
Code : (BHE 302)

Time: 3 Hours

Max. Marks: 50
Theory 40
Internal assessment 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 500 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Unit-I

Literary Terms

Miracles, Mysteries, Morality Plays, Interludes, Comedy.
Tragedy, Tragi-Comedy, Melodrama. Chronicle Play, Revenge Play, Social Play
Comedy of Humours, Comedy of Manners, Romantic Comedy, Drama of Ideas
Plot, Character, Spectacle, Conflict, The Three Dramatic Unities
Catharsis, Hamartia, Chorus, Soliloquy and Aside, Realism and Naturalism

Unit –II

1. Christopher Marlowe: *Edward II*
2. William Shakespeare: *Julius Caesar*
3. Ben Jonson's : *The Silent Woman*

Prescribed text:

Glossary of Literary terms : M.H.Abrams, Wadsworth CENGAGE learning Publication 8th Edition ,2008

Christopher Marlowe: *Edward II*. Bloomsbury publishing, 2017

William Shakespeare: *Julius Caesar*. Fingerprint publishing, 2017

Ben Jonson's : *The Silent Woman*. Bloomsbury publishing, 2017

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER– III
Paper–III Romantic Poetry
Code : (BHE 303)

Time: 3 Hours

Max. Marks: 50

Theory: 40

Internal assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 500 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Unit-I

1. William Wordsworth

Lines written in early Spring
I wandered Lonely as a Cloud
The Solitary Reaper
A slumber did my Spirit seal
The World is too much with us
Tintern Abbey

2. John Keats

La Delle Dame Sans Merci
When I have Fears
On First Looking into Chapman's Homer
Bright Star
Ode to a Nightingale
To Autumn

3. Percy B. Shelley

To the Skylark
Ozymandias
Ode to the West Wind
Love
Stanzas Written in Dejection
The Cloud

Prescribed Text : Selected Poems of Wordsworth, Penguin Edition, 2006
Selected Poems of John Keats, Penguin Edition, 2008
Selected Poems of Percy B Shelley, Penguin Edition, 2010.

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER-III)
Paper-IV INDIAN FICTION IN ENGLISH
Code : (BHE 304)

Time: 3 Hours

Max. Marks: 50
Theory: 40
Internal assessment : 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 500 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Course content:

1. Mulk Raj Anand: *Untouchable*
2. Khushwant Singh: *Train to Pakistan*
3. Anita Desai : *Fasting Feasting*

Prescribed Text :

Mulk Raj Anand: *Untouchable*, Penguin, 2018
Khushwant Singh: *Train to Pakistan*, Penguin, 2017
Anita Desai : *Fasting Feasting*, RHI, 2012

2018-19
B.A. (HONOURS) ENGLISH
SEMESTER– III
Paper–V: History of English Literature (1625-1750)
Code : (BHE 305)

Time: 3 Hours

Max. Marks: 50
Theory: 40
Internal assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 500 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Unit-I

1. The Metaphysical Poetry
2. The Cavalier Poetry
3. Dryden and The Neoclassical Prose

Unit –II

1. Restoration Comedy of Manners
2. Pope and the Augustan Poets
3. Dr Johnson and the Age of Transition

Prescribed book :- William J Long : English Literature (Kalyani Publications)

Recommended Books: W.H. Hudson: *An Outline History of English Literature*
Ifor Evans: *A Short History of English Literature*
Michael Alexander: *A History of English Literature*

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER– III)
Paper- VI American Fiction and Prose
Code : (BHE 306)

Time: 3 Hours

Max. Marks: 50
Theory: 40
Internal assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 500 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

- a.1. Edgar Allan Poe : *The Fall of the House of Usher*
The Pit and the Pendulum
Cast of Amontillado
Black Cat
2. Henry James : *Daisy Miller*
3. Emerson : *Self Reliance*
The American Scholar

Prescribed Text: Edgar Allan Poe : The Complete, Prajapati, 2000

Henry James : Daisy Miller, Penguin, 2007

Ralph Waldo Emerson : The Essays of R.W. Emerson, Penguin, 2014

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER-III)
Paper-VII SOCIOLOGY : SOCIAL CHANGE IN INDIA
Code : (BHE 307)

Time: 3 Hours

Max. Marks: 50
Theory: 40
Internal assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 4 pages (approximately 600 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Unit-I

Social Change: Concept and types. Theories of Social Change: Kingsley Davis and Moore, Weber and Marx.

Unit-II

Factors of Social Change: Demographic, Educational, Technological, Economics and Legislative.

Unit-III

Process of Social Change in India: Sanskritization, Westernization, Modernization, Secularization and Globalization.

Books Recommended:

1. Ahuja, Ram (1977): *Society in India: Concept, Theories and Recent Trends*, Jaipur: Rawat Publication.
2. Dude, S.C. (1991): *Indian Society*, New Delhi: National Book Trust.
3. Karve, Travati (1961): *Hindu Society: An Interpretation*, Pune: Daccan College.
4. Mandelbaum, D.G. (1970): *Society in India*, Bombay: Popular Prakashan.
5. Sharma K.L. (Ed.) (1994): *Caste and Class*, Jaipur, Rawat Publication.
6. Srinivas, M.N. (1985): *Social Change in Modern India*, New Delhi: Orient Longman.
7. Srinivas, M.N. (1969): *India's Villages*, Asia, Bombay.
8. Yogendra, Singh, (1973): *Modernization of Indian Tradition, A Systematic Study of Social Change*, Delhi: Thompson.

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER-III)
Paper-IX ENVIRONMENTAL STUDIES-I (COMPULSORY)
Code : (ESL 221)

Time: 3 Hrs.

Max. Marks: 50
Theory Lectures: 1½ Hours/ Week

Section-A: (15 Marks): It will consist of five short answer type questions. Candidates will be required to attempt three questions, each question carrying five marks. Answer to any of the questions should not exceed two pages.

Section-B: (20 Marks): It will consist of four essay type questions. Candidates will be required to attempt two questions, each question carrying ten marks. Answer to any of the questions should not exceed four pages.

Section-C: (15 Marks): It will consist of two questions. Candidate will be required to attempt one question only. Answer to the question should not exceed 5 pages.

1. The Multidisciplinary Nature of Environmental Studies: Definition, scope & its importance. Need for public awareness.

2. Natural Resources:

Natural resources and associated problems: a) Forest Resources: Use of over exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people. B) Water Resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. C) Mineral Resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies. D) Food Resources: World food problems, change caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problem, salinity, case studies. E) Energy Resources: Growing of energy needs, renewable and non-renewable energy resources, use of alternate energy sources, case studies. F) Land Resources: Land as a resource, land degradation, soil erosion and desertification. Role of an individual in conservation of natural resources. Equitable use of resources for sustainable lifestyles.

3. Ecosystem: Concept of an ecosystem. Structure and function of an ecosystem. Producers, consumers and decomposers. Energy flow in the ecosystem. Ecological succession. Food chains, food webs and ecological pyramids. Introduction, types, characteristic features, structure and function of the following ecosystems: a. Forest ecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

(Cont...)

4. Social Issues and Environment:

From unsustainable to sustainable development. Urban problems related to energy. Water conservation, rain water harvesting, watershed management. 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 and holocaust. Case studies. Wasteland reclamation. Consumerism and waste products. 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.

- B.. National Service Scheme Introduction and Basic Concepts of NSS: History, philosophy, aims & objectives of NSS; 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.

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, Pearson Education (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. Kanta, S., 2012. Essentials of Environmental Studies, ABS Publications, Jalandhar.

2018-19
B.A. (HONOURS) ENGLISH
SEMESTER-IV
Paper- I ELEMENTS OF NOVEL II
CODE : BHE 401

Time: 3 Hours

Max. Marks: 50
Theory: 40
Internal assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 800 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Course content:

1. George Eliot : *The Mill on the Floss*
2. Graham Greene : *Heart of the Matter*
3. Charles Dickens : *Oliver Twist*

Prescribed Text:

George Eliot : *The Mill on the Floss, Penguin, 2003*
Graham Greene : *Heart of the Matter, Random House, 2004*
Charles Dickens : *Oliver Twist, Penguin, 2007*

2018-19
B.A. (HONOURS) ENGLISH
SEMESTER-IV
Paper- II English Drama Jacobean Period To 19th Century
CODE : BHE 402

Time: 3 Hours

Max. Marks: 50

Theory: 40

Internal assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 800 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Course content:

1. John Webster : *The Duchess of Malfi*
2. William Congreve : *The Way of the World*
3. Richard Sheridan : *The Rivals*

Prescribed Text:

Collected Plays of John Webster and John Ford, Penguin, Critical ed. 2014
William Congreve : *The Way of the World* ,Ernest Benn Limited, London,1971
Richard Sheridan : *The Rivals*, Bloomsbury edition, 2015

2018-19
B.A. (HONOURS) ENGLISH
SEMESTER-IV
(Paper- III VICTORIAN POETRY)
CODE : BHE 403

Time: 3 Hours

Max. Marks: 50
Theory: 40
Internal assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 800 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

1. Alfred Tennyson:

Tithonus
The Lady of Shallot
Prologue to 'In Memoriam'
Crossing the Bar
Ulysses

2. Robert Browning:

Evelyn Hope
Love among the Ruins
My Last Duchess
The Last Ride Together
Porphyry's lover

3. Mathew Arnold:

Dover Beach
The Forsaken Mermaid
Shakespeare
Growing Old
The Last Word

Prescribed Text:

Selected Poetry of Tennyson, Penguin, 2007
Selected Poems: Robert Browning, Faber, 2004
Dover Beach and Other Poems. Dover Thrift Edition, 2005

2018-19
B.A. (HONOURS) ENGLISH
SEMESTER-IV
Paper- IV INDIAN POETRY AND DRAMA
CODE : BHE 404

Time: 3 Hours

Max. Marks: 50
Theory: 40
Internal assessment: 10

Note: The question paper will consist of two sections

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 800 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Course content:

a.i.1.	Rabindranath Tagore	:	<i>Gitanjali Song No.</i> <i>11 Leave this chanting and singing</i> <i>13 The song that I came to sing</i> <i>31 Prisoner, tell me, who was it</i> <i>35 Where the mind is without fear</i> <i>48 The morning sea of silence</i> <i>50 I had gone a-begging</i> <i>51 The night darkened</i> <i>52 I thought I should ask of thee</i> <i>60 On the seashore of endless worlds</i> <i>64 On the slope of the desolate river</i> <i>73 Deliverance is not for me.</i>
2.	Girish Karnad	:	<i>Tughlak</i>
3.	Vijay Tendulkar	:	<i>Vultures</i>

Prescribed Text:

Gitanjali by Rabindranath Tagore, Publishers : full circle, 2003

Tughlaq by Girish Karnad, Oxford University Press, 1971

Five Plays by Vijay Tendulkar, Oxford University Press, 1971

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER-IV)
Paper-V: History of English Literature (1750-1850)
CODE : BHE 405

Time: 3 Hours

Max. Marks: 50
Theory: 40
Internal assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 800 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Unit-I

1. The Rise of Novel
2. Sentimental Comedy
3. Pre romantics

Unit -II

1. Romantic Poets(Wordsworth, Coleridge)
2. Romantic Poets(Byron, Keats, Shelley)
3. The Historical Novel

Prescribed book :- William J Long : English Literature (Kalyani Publications)

Recommended Books: W.H. Hudson: *An Outline History of English Literature*
Ifor Evans: *A Short History of English Literature*
Michael Alexander: *A History of English Literature*

2018-19
B.A. (HONOURS) ENGLISH
SEMESTER-IV
Paper- VI AMERICAN POETRY AND DRAMA
CODE : BHE 406

Time: 3 Hours

Max. Marks: 50
Theory: 40
Internal assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 5 pages (approximately 800 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

- 1.1. Robert Frost : *The Gift Outright*
Birches
Stopping by Woods on a Snowy Evening
Fire and Ice
Home Burial
- 1.2. John Osborne : *Look Back in Anger*
3. Arthur Miller : *All My Sons*

Prescribed Text:

Robert Frost: *The Collected Poems*, Vintage Classics, 2013
John Osborne : *Look Back in Anger*, Pearson Education, 2011
Arthur Miller : *All My Sons*, Penguin Classics, 2010

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER-IV)
PAPER VII: SOCIOLOGY SOCIAL CHANGE IN INDIA
CODE : BHE 407

Time: 3 Hours

Max. Marks: 50

Theory : 40

Internal Assessment: 10

Note: The question paper will consist of two sections.

Section-A : It will consist of 7 short answer questions, out of which 5 will have to be answered in not more than 5 lines (50 words) each. Each question will carry 2 marks. The total marks for this section would be 10.

Section-B: It will consist of three essay type questions, each to be answered in not more than 4 pages (approximately 600 words). One question with internal choice would be set from each unit. Each question would carry 10 marks, the total marks for this section would be 30.

Unit-I

Planned Social Change in India: The Five Year Plans, Community Development, IRDP, Panchayati Raj.

Unit-II

Changing Nature of India Society:, Changing Nature of Rural & Urban Society, Change in status and role of women.

Unit-III

Social Stratification: Concept and Bases; Forms– Caste, Class, Power & Gender.

Books Recommended:

1. Ahuja, Ram (1997): Social Problems in India: New Delhi: Rawat.
2. Dube, S.C. (1991): Indian Society, New Delhi: National Book Trust.
3. Karve, Iravati (1961): Hindu Society: An Interpretation, Pune: Daccan College.
4. Mandelbaum, D.G. (1970): Society in India, Bombay: Popular Prakashan.
5. Sharma K.L. (Ed.) (1994): Caste and Class, Jaipur, Rawat Publication.
6. Sharma K.L. (1986): Essays in Social Stratification, Jaipur, Rawat Publication.
7. Srinivas, M.N. (1985): Social Change in Modern India, New Delhi: Orient Longman.
8. Srinivas, M.N. (1969): India's Villages, Asia, Bombay.
9. Tumin, M.M. (1994): Social Stratification: The Forms and Functions of Inequality, New Delhi: PHI

2018-19
B.A. (HONOURS) ENGLISH
(SEMESTER-IV)
PAPER-IX : ENVIRONMENTAL STUDIES-II (COMPULSORY)
CODE : ESL 222

Time: 3 Hrs.

Max. Marks: 50 Theory
Lectures: 1½ Hours/ Week

Section–A: (15 Marks): It will consist of five short answer type questions. Candidates will be required to attempt three questions, each question carrying five marks. Answer to any of the questions should not exceed two pages.

Section–B: (20 Marks): It will consist of four essay type questions. Candidates will be required to attempt two questions, each question carrying ten marks. Answer to any of the questions should not exceed four pages.

Section–C: (15 Marks): It will consist of two questions. Candidate will be required to attempt one question only. Answer to the question should not exceed 5 pages.

1. 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 option values. 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. Endangered and endemic species of India. Conservation of Biodiversity: In situ and Ex-situ conservation of biodiversity.

2. Environmental Pollution: 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 Solid Waste Management: Causes, effects and control measures of urban and industrial wastes. Role of an individual in prevention of pollution. Pollution case studies. Disaster Management: Floods, Earthquake, Cyclone and Landslides.

3. Human Population and the Environment Population growth, variation among nations. Population explosion-Family welfare programme. Environment and human health. Human rights. Value education. HIV/AIDS. Women and child welfare. Role of information technology in environment and human health. Case studies. Road Safety Rules & Regulations: Use of Safety Devices while Driving, Do's and Don'ts while Driving, Role of Citizens or Public Participation, Responsibilities of Public under Motor Vehicle Act, 1988, General Traffic Signs. Accident & First Aid: First Aid to Road Accident Victims, Calling Patrolling Police & Ambulance.

4. National Service Scheme Entrepreneurship Development: Definition & Meaning; Qualities of good entrepreneur; Steps/ ways in opening an enterprise; Role of financial and support service Institutions. Civil/Self Defense: Civil defense services, aims and objectives of civil defense; Needs for self defense training.

5. 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.

Note: In this section the students will be required to visit and write on the environment of an area/ ecosystem/village 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, Pearson Education (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. Kanta, S., 2012. Essentials of Environmental Studies, ABS Publications, Jalandhar.