

1st Semester Examination, 2020

Time : 3 hours

Full Marks : 80

Answer any **one** Group as per your syllabus

Answer from **all** the Sections as per direction

The figures in the right-hand margin indicate marks

Candidates are required to answer in their own words as far as practicable

GROUP—A

(MODEL SYLLABUS)

(ENVIRONMENTAL STUDIES)

SECTION—A

1. Answer *all* questions : 1 × 12

- (a) The term biosphere refers to _____ .
- (b) The uppermost layer of the atmosphere is known as _____ .
- (c) The boundary between troposphere and stratosphere is known as _____ .
- (d) The equipment which measures atmospheric humidity is _____ .
- (e) A population is a group of _____ .
- (f) *Nipah* henipavirus is a _____ borne virus.
- (g) _____ is an example of non communicable disease.
- (h) _____ was associated with chipko movement.
- (i) Silent valley movement was started in which state ?
- (j) Jungle bachao andolan occurs to preserve which forest.
- (k) Tehri dam conflict was started in _____ year.
- (l) When did Environmental Protection Act came into force ?

SECTION—B

2. Answer any *eight* of the following questions within *two* or *three* sentences each :

- (a) Lithosphere

2 × 8

(Turn Over)

- (b) Soil pollution
- (c) Communicable diseases
- (d) Community
- (e) CPCB
- (f) Role of Women in Environmental Movements
- (g) Wildlife conservation
- (h) Water Act 1947
- (i) Urbanization
- (j) Carbon cycle.

SECTION – C

3. Answer any *eight* of the following within 75 words each : 3 × 8
- (a) Ecosystem
 - (b) Nitrogen cycle
 - (c) Control methods of population.
 - (d) Disease and its transmission.
 - (e) Environmental movements in Odisha
 - (f) Air Act 1981
 - (g) Environprotection Act 1986
 - (h) Urbanisation and its effect on society
 - (i) Biosphere
 - (j) SPCR.

SECTION – D

Answer **all** questions of the following
within **500** words each :

7 × 4

4. What is pollution ? Discuss water pollution and its control measures in details.

Or

Write briefly on Biogeochemical cycle.

(3)

5. Write an essay on population ecology.

Or

What is a disease? Discuss the communicable and non-communicable diseases and its prevention.

6. Write briefly on environmental movements in India.

Or

Discuss the role of SPCB and CPCB in controlling the pollution.

7. Describe briefly on conservation of natural resources and its management.

Or

Write briefly on different environmental laws enacted to protect the environment.

GROUP – B
(OLD SYLLABUS)

Time : 2 hours

Full Marks : 40

(ENVIRONMENTAL STUDIES)

SECTION – A

1. Define the following : 2 × 4
- (a) Food chain
 - (b) Eutrophication
 - (c) Afforestation
 - (d) Endemic species.

SECTION – B

Answer all questions :

2. What is air pollution? Discuss different sources, effects and prevention of air pollution. 8 × 4

(4)

Or

Write notes on :

- (i) Green House Effect
- (ii) Sources of water pollution.

3. Give an account of threats posed by humans on land resources.

Or

Write notes on :

- (i) Renewable energy sources
- (ii) Over-exploitation of water.

4. Discuss different threats to loss of biodiversity and mention three important steps for conservation of biodiversity.

Or

Write notes on :

- (i) Biodiversity
- (ii) Man-wild life conflict.

5. Discuss the impacts of human population growth on environment.

Or

Write notes on :

- (i) Disaster Management
- (ii) Environmental movements.