

Roll No.

Total Pages : 3

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May-2026

B.Sc. Chemistry-II SEMESTER

Environmental Science

(BEVS-101)

Time: 3 Hours]

[Max. Marks : 75

Instructions :

- 1. It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
- 2. Answer any four questions from Part-B in detail.*
- 3. Different sub-parts of a question are to be attempted adjacent to each other.*

PART-A

- (a) What is meant by ecological succession? (1.5)

(b) Define Natural Resources. Give two examples. (1.5)

(c) When and why was Kyoto protocol signed? (1.5)

(d) Define food web. Explain its significance with help of example. (1.5)

(e) Name the agents responsible for ozone depletion. (1.5)

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- (f) Enlist any three measures to control soil pollution? (1.5)
- (g) Differentiate between renewable and non-renewable energy resources with an example of each. (1.5)
- (h) Define endemic, endangered and exotic species? (1.5)
- (i) What is deforestation? Give its causes. (1.5)
- (j) What is the need of studying Environmental issues? (1.5)

PART-B

2. (a) Enlist the different uses of forests. How will you justify that ecological uses of forest exceed commercial uses? (10)
- (b) What is soil erosion? Give its causes and conservation methods. (5)
3. (a) What role can an individual play in conservation of environment? (7.5)
- (b) Explain the multi-disciplinary nature of Environmental Studies? (7.5)
4. Write short notes on any *three* :
- (a) Sustainable development.

- (b) Acid Rain.
- (c) Global Warming.
- (d) Earthquakes. (3×5=15)

5. (a) Define biodiversity. Explain genetic, species and ecosystem diversity. (5)
- (b) What are hotspots of biodiversity? Which are the hotspots found in India? Discuss their salient features? (10)
6. (a) Discuss the impacts of human population growth on environment, human health and welfare. (10)
- (b) Write a short note on alternate energy resources. (5)
7. Write short notes on any *three* :
- (a) Floods.
- (b) Chipko movement.
- (c) Land degradation.
- (d) Alternate energy resources. (3×5=15)