

January 2023
BA(JMC)-1 SEMESTER
Environmental Studies (BEVS-104-21)

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

1. (a) What do you understand by the term environment?
(1.5)
- (b) Define food chain and give *two* examples. (1.5)
- (c) What are the various effects of noise pollution? (1.5)
- (d) Name *three* agents responsible for Ozone layer depletion. (1.5)
- (e) Who started Chipko movement and why? (1.5)
- (f) Differentiate between primary and secondary air pollutants? (1.5)
- (g) Why is it important to study environmental issues?
(1.5)

- (h) Give the full form of CBD and also write its importance. (1.5)
- (i) What are the different Nuclear hazards? (1.5)
- (j) Define genetic diversity, species diversity and ecosystem diversity. (1.5)

PART-B

2. (a) Explain the multi-disciplinary in nature of Environmental Studies. (10)
- (b) What is the structure of an ecosystem. (5)
3. (a) What are major causes and effects of deforestation? (5)
- (b) What is Land degradation? Enumerate its causes and prevention methods. (10)
4. (a) What are ecological pyramids? Explain the different types of ecological pyramids of different ecosystem. (8)
- (b) Discuss the process of ecological succession. (7)
5. Write short notes on any *three* : (3×5=15)
- (a) Cyclones.
- (b) Bishnoi's of Rajasthan.
- (c) Environmental communication and public awareness.
- (d) Impact of human population growth on environment.

6. (a) What are the causes of water pollution? Write the impacts of water pollution. (10)
- (b) What are negative effects of Noise pollution on human beings? (5)
7. Write short notes on any *three* : (3×5=15)
- (a) Solid waste Management.
- (b) *Ex-situ* Conservation.
- (c) Hotspots of Biodiversity.
- (d) Floods.
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