

323203

May, 2023

B.Sc. (MAC/Mathematics/Physics/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

Q1 Write short notes

- (a) Habitat loss (1.5)
- (b) Chipko movement (1.5)
- (c) Pyramid of energy. (1.5)
- (d) Desertification. (1.5)
- (e) Renewable energy sources. (1.5)
- (f) Endangered species (1.5)
- (g) Ex-Situ conservation of biodiversity. (1.5)
- (h) Noise pollution. (1.5)
- (i) Global warming. (1.5)
- (j) Sustainable development (1.5)

PART -B

Q2 Describe the following-

- (a) Multidisciplinary nature of environmental studies. (7.5)
- (b) Food chains and food webs (7.5)

Q3 (a) Define ecosystem. Describe forest ecosystem. (7.5)

- (b) Discuss the flow of energy in an ecosystem. (7.5)

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- Q4 Write short note on the following-
- (a) Land degradation. (5)
 - (b) Causes and impact of deforestation. (5)
 - (c) Non renewable energy sources. (5)
- Q5 Discuss the following-
- (a) Levels of biological diversity. (5)
 - (b) Threats to biodiversity. (5)
 - (c) Drawbacks of hydroelectric projects (5)
- Q6 Write notes on the following-
- (a) Soil pollution. (5)
 - (b) Solid waste management. (5)
 - (c) Nuclear hazard. (5)
- Q7 Describe the following-
- (a) Ozone layer depletion. (5)
 - (b) Acid rain (5)
 - (c) Montreal protocol. (5)