

AS-1481

B.Sc. (Part—III) Semester—VI Examination
ENVIRONMENTAL SCIENCE
(Environmental Conservation and Management)

Time : Three Hours]

[Maximum Marks : 80

Note :— All questions are compulsory and draw well labelled diagrams where necessary.

1. (A) Fill in the Blanks with appropriate words :

- (i) EIA stands for _____ . ½
- (ii) Biodiversity conservation includes the _____ and _____ conservation methods. ½
- (iii) UNEP stands for _____ . ½
- (iv) The mangroves are distributed at _____ in Maharashtra State. ½

(B) Choose the correct alternatives :

- (i) The old name of IUCN is _____ . ½
- (a) IUPN (b) IUNC (c) IUNP
- (ii) Land degradation takes place due to _____ . ½
- (a) loss of Soil nutrients (b) loss of soil water (c) Deforestation.
- (iii) The prime leading NGO of India in Environmental awareness concern is _____ . ½
- (a) CEE (b) Satpuda Foundation (c) MAB
- (iv) The Official Chairman of IBWL is _____ . ½
- (a) Rashtrapati (b) Prime Minister (c) Governor

(C) Answer in one sentence :

- (i) Define Mode. 1
- (ii) Define Wildlife. 1
- (iii) Define Wetlands. 1
- (iv) Define EIS. 1

2. Explain :—

- (a) Current status of Environmental education in India. 4
- (b) Role of Environmental education in environmental awareness. 4
- (c) Objectives of environmental education. 4

OR

- (d) Any two methods of environmental awareness. 4
- (e) Types of environmental education. 4
- (f) Concept of Environmental Awareness. 4

3. Describe the types of mining in India. What are the problems in management ? 12

OR

What are the current mangroves conservation methods in India ? 12

4. Describe in brief —

- (g) Wildlife threats. 4
- (h) Objectives of IBWL. 4
- (i) Functions of Wildlife Institutes. 4

OR

- (j) Biodiversity conservation by National Parks. 4
- (k) Principles of CBD. 4
- (l) Environmental Protection Act, 1986-Significance. 4

5. Explain in brief :—
- (m) Functions of Man and Biosphere Programme. 4
 - (n) Disadvantages of Public Participation. 4
 - (o) Functions of MOEF. 4

OR

- (p) Objectives of EIA. 4
 - (q) Functions of State Pollution Control Board. 4
 - (r) Functions of UNEP. 4
6. Describe the concept of remote sensing. Explain the role of Satellite images. 12

OR

- Define environmental auditing. What are the advantages of Environmental audit. 12
7. (s) Calculate the median of the given data :
- Humidity % of 5 years in average :
- 72%, 84%, 91%, 49%, 69%. 4
- (t) Calculate the mode of average rainfall of 6 years.
- 1100 mm, 1400 mm, 900 mm, 1700 mm, 1000 mm, 800 mm. 4
- (u) Define primary and secondary data with example. 4

OR

- (v) Principles of sustainable development. 4
- (w) Difference between diagrammatic and graphical presentation. 4
- (x) Significance of data in Environmental analysis. 4

