

5. Write on :
- (a) UNEP 4
- (b) State pollution control board 4
- (c) Concept and scope of EIA. 4

OR

- (p) Role of public participation in E.I.A. 4
- (q) IUCN 4
- (r) MOEF. 4
6. Define environmental audit. Describe general approach to environmental audit. 12

OR

What is remote sensing ? Explain aerial photographs and satellite images. 12

7. Write on :
- (a) Concepts of sustainable development 4
- (b) Standard deviation 4
- (c) Regression analysis. 4

OR

- (p) Principles of sustainable development 4
- (q) Tabulation of data 4
- (r) Graphical representation of data. 4

## B.Sc. (Part-III) Semester-VI Examination

## ENVIRONMENTAL SCIENCE

## (Environmental Conservation &amp; Management)

Time—Three Hours]

[Maximum Marks—80

Note :—(1) All questions are compulsory.

(2) Draw diagrams wherever necessary.

1. (A) Fill in the blanks with appropriate words :
- (i) Open cast mining causes removal of huge amount of \_\_\_\_\_. ½
- (ii) MOEF stands for \_\_\_\_\_. ½
- (iii) Environmental audit serves as a best technique to detect wastage and improve \_\_\_\_\_. ½
- (iv) Biodiversity Act constituted in \_\_\_\_\_. ½
- (B) Choose the correct alternatives and rewrite the statements :
- (i) Which of the following is not the tool of mineral management ? ½
- (a) Recycling of metals
- (b) Use of cheap substitutes
- (c) Clean recovery technique
- (d) Overexploitation

(ii) In India \_\_\_\_\_ represent more wetland area.

½

- (a) Assam
- (b) Bihar
- (c) M.P.
- (d) U.P.

(iii) Man and Biosphere programme launched in :

½

- (a) 1960s
- (b) 1970s
- (c) 1980s
- (d) 1990s

(iv) Which of the following is not a major wild life threat ?

½

- (a) Poaching
- (b) Pollution
- (c) Social forestry
- (d) Habitat loss

(C) Answer the following in one sentence :

- (i) What is WWF ? 1
- (ii) What is in situ conservation ? 1
- (iii) What are aerial photographs ? 1
- (iv) Give the equation of standard deviation. 1

1

2. Give the concept of environmental education. Describe formal and informal way of environmental education.

12

**OR**

Describe role of NGO's and mass media in environmental awareness.

12

3. Write on :

- (a) Issues related to mining management (any two). 4
- (b) Land degradation. 4
- (c) Conservation of mangroves. 4

**OR**

- (p) Conservation of wastelands. 4
- (q) Land use pattern. 4
- (r) Types of mining. 4

4. Write on :

- (a) Indian board for wild life. 4
- (b) Environmental Protection Act. 4
- (c) Goals of Biodiversity conservation. 4

**OR**

- (p) Biodiversity Act 2002. 4
- (q) Wild life poaching effects. 4
- (r) Wildlife institutes in India and their role in wildlife management. 4