

**Bachelor of Science (B.Sc.) Semester—V (C.B.S.) Examination**

**ENVIRONMENTAL SCIENCE**

**Paper—2**

**(Environmental Management)**

Time : Three Hours]

[Maximum Marks : 50

**N.B. :—** (1) **ALL** questions are compulsory and carry equal marks.

(2) Illustrate your answer with suitable examples and diagrams.

1. Discuss the role of public participation in Environmental decision making. What are the advantages and disadvantages of public participation ? 10

**OR**

- (a) Describe the predication of environmental impact. 5  
(b) Describe the various types of EIA. 5  
2. Discuss the brief “MATRICES” and “OVERLAYS” method for the assessments of environmental impact. 10

**OR**

- (a) How do you prepare an “Environmental Management Plan” ? 5  
(b) What are the criteria to select Green Belt development ? 5  
3. Explain “Environment Audit” with respect to types and scope. Add a note on Environmental Audit Structure and its importance. 10

**OR**

- (a) Give the salient features of Coastal Zone Regulations (CZR) Notification. 5  
(b) Describe the provisions made in Forest Conservation Act, 1980. 5  
4. Discuss in brief the concept of ISO 9000 and ISO 14000 in Environmental System Management. 10

**OR**

- (a) Give the basic concept of Green Building. 5  
(b) Describe the applications of Remote Sensing in Environmental protection. 5

5. Attempt any “TEN” Questions :—

- (i) What is an Environmental Inventory ?
- (ii) What are positive and negative impacts ?
- (iii) What is an Environmental Impact Statement (EIS) ?
- (iv) What are basic steps for prediction of Biological Environment ?
- (v) Mention any two directly and indirectly measurable impacts on Land.
- (vi) Who will clear EIA projects ?
- (vii) Define “Environmental Audit”.
- (viii) What is Surveillance Audit ?
- (ix) Mention provisions of Wild Life Protection Act, 1972.
- (x) What is “NORTH-SOUTH DEBATE ” ?
- (xi) Name the environmentalist involved in Narmada project.
- (xii) What is “Rain Water Harvesting” ?

1×10=10