

Fifth Semester B. Sc. (Part – III)
Examination

ENVIRONMENTAL SCIENCE

Paper – II

(Environmental Management)

Time : Three Hours] [Max. Marks : 50

N. B. : (1) All questions are compulsory and carry equal marks.
(2) Illustrate the answers with suitable diagrams and examples.

1. State origin and principles of EIA. Describe in detail stages in EIA. 10

OR

(a) Describe procedure for public participation in environmental decision making. 5
(b) Briefly discuss methodologies for prediction of environmental impacts. 5

2. What is the criteria for the selection of EIA methodologies ? Describe basic steps for assessment and prediction of air environment. 10

OR

(a) How green belt around an industry can be developed ? 5

(b) Discuss role of statutory agencies in EIA clearance. 5

3. Describe activities associated with environmental audit. 10

OR

(a) Give salient features of Environmental Protection Act. 1986 5
(b) State objectives and types of audit. Explain concept of environmental audit. 5

4. Define sustainable development. Explain concept of carrying, supportive and assimilative capacities. 10

OR

(a) Describe applications of remote sensing in environmental protection. 5
(b) Discuss people's participation in environmental protection. 5

5. Answer any **Ten** :—

(i) Define EIA.
(ii) What are impact indicators ?
(iii) Give advantages of public participation.
(iv) Name methods used in EIA.
(v) What is EMP ?

- (vi) Which statutory agency in state gives EIA clearance ?
- (vii) State benefits of environmental audit.
- (viii) What is an EMS audit ?
- (ix) Give full form of CZR.
- (x) What is emission trading ?
- (xi) What for ISO 9000 is associated ?
- (xii) What are green buildings ? $1 \times 10 = 10$