

**H-56078**

Seat No. \_\_\_\_\_

**M. Sc. (Part - II) Examination**

April / May – 2003

**Environmental Science : Paper - VII**  
*(Environmental Management System &  
Specialization & Legislation)*

Time : 3 Hours]

[Total Marks : 75

**Instruction :** All questions carry **equal** marks.

- 1 (a) Discuss environment impact assesment.
- (b) Discuss reviewing and evaluating EIA report.

**OR**

- 1 Write note on :
  - (a) Organizational and personnel responsibility
  - (b) Environmental objective.
- 2 (a) Discuss methods for forecasting and assessing.
- (b) Explain the statutory environmental assessment.

**OR**

- 2 Explain the following :
  - (a) Register of legislative
  - (b) Environmental management records
  - (c) Operational control.
- 3 Explain in brief the provisions relating to protection of environment in our constitution.

**OR**

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**3** Answer any **two** of the following :

- (a) Explain the following with reference to the Atomic Energy Act, 1962 :
  - (i) Atomic energy
  - (ii) Radiation
  - (iii) Radio-active substance.
- (b) Explain the concept of 'Environmentally Sustainable Activity'.
- (c) Discuss why the Environment (Protection) Act, 1986 was enacted ? Do you think that EPA is effective piece of legislation ? How ? – Answer with reference to specific provisions EPA.

**4** Write an explanatory notes on any **two** of the following :

- (a) The procedure for taking samples of trade effluents under the water (Prevention and Control of Pollution) Act, 1974.
- (b) Rylands *V/s* Fletcher Case.
- (c) The constitution and function of the Site-appraisal Committee under the Factories Act, 1948.

**OR**

**4** Answer any **two** of the following :

- (a) Write a critical note on salient feature of the Public Liability Insurance Act, 1991.
- (b) How does the Insecticide Act, 1968 try to deal with protection of environmental pollution ? Explain.
- (c) Explain the concept of water pollution under the Water (Prevention and Control of Pollution) Act, 1974.

5 Write an essay on : 'Bhopal Gas Disaster'.

**OR**

5 Discuss any **two** of the following :

- (a) Global Warming and Global Warning
  - (b) Polluter Pays Principle
  - (c) Constitution and function of the Central Board under the Air (Prevention and Control of Pollution) Act, 1981.
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