

2012

**M.Sc. Part-I Examination**

**ENVIRONMENTAL SCIENCE**

**PAPER—IV**

Full Marks : 100

Time : 4 Hours

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give that answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

Answer Q. No. 1 and any five questions from the rest.

1. Answer any ten of the following : 2×10

- (i) What is Eco-planning?
- (ii) Define Sustainable Development.
- (iii) What do you mean by Environmental Impact Assessment?
- (iv) Why environmental planning is required?
- (v) What is public hearing?

(Turn Over)

- (vi) What are the basic informations required for water ?
- (vii) What are the environmental priorities ?
- (viii) Describe the fact of Global warming.
- (ix) Define the term 'Rehabilitation technologies'.
- (x) What is corporate social responsibility ?
- (xi) What are the importance of EIA ?
- (xii) What do you mean by Environmental Management ?
- (xiii) What is endangered species ?
- (xiv) Distinguish between Development & Displacement ?
- (xv) What are the main steps of EIA ?
- (xvi) Significance of Cost-Benefit analysis ?
2. Briefly explain the meaning of EIA. Discuss the planning of Environmental Management with Environmental Impact Statement.
- 4+12
3. What is critically polluted zone ? State the conditions of development of such area in future.
- 16
4. Discuss the types of Environmental Impact Assessment. Explain the Methodologies of Impact Assessment.
- 6+10

5. Describe the Environmental Audit with special reference to environmental impact analysis and statement.
- 16
6. What are the Environmental Management plan and explain the EIA guidelines of India.
- 6+10
7. Illustrate your answer regarding the Urban problems in India and land use pattern and explain the suitable urban planning for future development.
- 5+5+6
8. Define Environmental Planning ? Describe the Environmental Management in the mining area and coastal area with suitable examples of Indian scenario.
- 6+5+5
9. Describe the land use policy in India ? Can you identify the problems & prospects of land use in the context of Environmental Management.
- 8+8
10. Describe the concept and strategies of Sustainable Development. Mention the environmental priorities in India.
- 10+6

11. What is Cost-Benefit Analysis? Explain the relation between Environmental Management & Cost-Benefit Analysis of a project.

6+10

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