

**PGDESD-04**

Post Graduate Diploma in Environment and  
Sustainable Development

Examination June, 2015

**Integrated Environmental Management :  
Urban and Rural**

*Time : Three Hours]*

*[Max. Marks : 100*

**Note:** The Question paper is divided into three sections A, B and C. Write Answers as per given instructions.

**Section-A**

(Very Short Answer Questions)

**Note:** Answer all questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks. 10×2=20

1.
  - (i) Define quality of life.
  - (ii) Define built environments.
  - (iii) Make a note on human capital.
  - (iv) Define soil erosion.
  - (v) Explain monoculture.
  - (vi) Define tragedy of commons.
  - (vii) What is cost benefit analysis?
  - (viii) Define biocentrism.
  - (ix) What is environmental ethic?
  - (x) List out some of the different reason for mobilizing any community.

(1)

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## Section-B

(Short Answer Questions)

**Note:** Answer any 4 questions. Each answer should not exceed 200 words. Each question carries 10 marks.

4×10=40

2. Describe the concept of Integrated Environmental Management.
3. Explain how sustainable development led to the idea of integrated environment management.
4. Explain the effects of green revolution.
5. Discuss the role and responsibilities of a community in sustainable agro forestry.
6. Discuss the various ways in which technology can be used for the achievement of sustainable development.
7. In what ways the scarcity of resources can be overcome?
8. Explain the various factors responsible for environmental degradation.
9. Explain the technological factors that contribute to deterioration of the environment.

## Section-C

(Long Answer Questions)

**Note:** Answer any two questions. You have to delimit your answer maximum upto 500 words. Each question carries 20 marks.

2×20=40

10. Discuss in detail the environmental auditing.
11. Discuss the role of wetlands in the regulation of water cycle.
12. Explain the role of environmental sociology in sustainable development.
13. Describe the major environmental problems in rural areas. Explain the possible causes of these problems. What socio-economic measures are needed to deal with these problems?