

B.E./B.Tech. Degree Examination, May / June 2006

Second Semester

CY1201 – Environmental Science and Engineering

(Semester Part - Time B.E. – Regulations 2005)

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Part A - (10 × 2 = 20 marks)

1. Define environmental science.
2. State any problems caused by the construction of Dam.
3. What are the Conventional sources of Energy for the mankind?
4. Define producers.
5. Name the four ecosystems.
6. Enumerate the human activities which destroy the biodiversity.
7. Write any two causes of soil pollution.
8. When a sound causes noise pollution?
9. What is acid rain?
10. State the role of information technology in Environment.

Part B (5 × 16 = 80 marks)

11. (i) Population explosion affects the environment seriously-discuss. (8)
(ii) Deterioration of Environment leads to deterioration of human health. Justify. (8)
12. (a) Explain in detail the role of an individual in conservation of natural resources. (16)

Or

- (b) What are the major causes of deforestation? Discuss its consequences
13. (a) i. Discuss the threat faced by Indian Biodiversity. (16)
ii. Explain the strategy adopted to conserve biodiversity

Or

- (b) What is an ecosystem? Describe the structure and function of various components of an ecosystem.
14. (a) What are the major pollutants of atmosphere? Enumerate the adverse effects caused by this pollutants. (16)

Or

- (b) i. How will you take care of Solid wastes generation in urban areas? (8)

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- ii. Explain Bhopal gas tragedy. (8)
 - 15. (a) i. What is meant by Rain Water Harvesting? Why is it necessary now - a - days? (8)
 - ii. Discuss about Global Warming. (8)
- Or
- (b) Name the laws that have been framed for environmental protection and mention the objectives of each act. (16)

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