

Code: 13A01403

B.Tech II Year I Semester (R13) Supplementary Examinations June 2015

ENVIRONMENTAL SCIENCE

(Common to EEE, CSE & IT)

Time: 3 hours

Max. Marks: 70

PART - A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- What are the duties of Wildlife institute of India?
 - Give environmental effects of mining.
 - Define food web. Give one example.
 - Give examples for producers and consumers in the forest ecosystem.
 - Discuss briefly about Bhopal gas tragedy.
 - Define Eutrophication.
 - Cite any two reasons that nesseciate the Rehabilitation of people.
 - Explain the reason behind Acid rains.
 - Expand HIV and AIDS.
 - What do you mean by population explosion?

PART - B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT - I

- 2 Discuss scope and importance of environmental studies.
(OR)
- 3 Discuss the environmental impacts of mining, deforestation and irrigation.

UNIT - II

- 4 (a) Give the characteristic features of grassland eco-system.
(b) Discuss the structure and function of an eco-system.
(OR)
- 5 What are the major hotspots of biodiversity in our country and give the necessity of preserving these areas.

UNIT - III

- 6 (a) Write in detail about nuclear accidents.
(b) Discuss the role of individual in prevention of pollution.
(OR)
- 7 Discuss in detail about Noise and Thermal Pollution.

UNIT - IV

- 8 Discuss the concept of sustainable development. What are the major obstacles in the path of sustainable development in India?
(OR)
- 9 Explain environmental protection act and Wildlife protection act.

UNIT - V

- 10 Write about
(a) Women and child welfare.
(b) Role of information technology in environment and human health.
(OR)
- 11 Based on your field visits, summarize your observations and findings of the river ecosystem in your region.
