



Code No. : 5338/S

**FACULTY OF ENGINEERING AND INFORMATICS**  
**B.E. 2/4 (EE/Inst./M/P/IT) I Semester (Suppl.) Examination, June 2012**  
**ENVIRONMENTAL STUDIES**

Time : 3 Hours] [Max. Marks :75

**Note : Answer all questions from Part A. Answer any five questions from Part B.**

**PART – A**

**(25 Marks)**

1. Define the term Eutrophication. 3
2. State the merits and demerits of wind energy. 2
3. Write a short note on dam benefits and problems. 3
4. Briefly explain about radio active pollution. 2
5. What is water logging ? List conditions leading to water logging in agricultural soils ? 3
6. Differentiate between ecosystem and ecotone. 2
7. What are the precautionary measures to be taken for the occurrence of a landslide ? 2
8. State the effect of modern agriculture and irrigation methods. 2
9. What do you understand by "Environmental Ethics" ? Discuss. 3
10. State the importance of environmental impact assessment for approving a project. 3

**PART – B**

**(50 Marks)**

11. a) What are the major causes for conflicts over water ? Write any one example. 5  
b) State any ten non-profitable organizations working in India for awareness and environmental conservation. 5
12. a) Explain Ex-situ and In-situ conservation of biodiversity. 5  
b) State the salient features of "Hotspots" of biodiversity and enlist hotspots of Indian continent. 5



13. a) Define and explain the Predator-Prey relations in the ecosystems with suitable examples. 5  
b) Classify solid waste and write how can the solid waste be managed. 5
14. a) Describe the characteristic features, structure and functions of the forest eco-system. 5  
b) Define global warming with a neat sketch. Write how to safeguard the globe against global warming. 5
15. a) Explain the ecological pyramids with suitable examples. 4  
b) Explain the significance of environmental legislation in environmental protection. 6
16. a) What do you mean by 'Disaster Management' ? Discuss the various disaster management principles. 4  
b) With help of line sketches explain the working principles of cyclones and filters used for controlling particulates in air ? 6
17. a) What are the issues involved in enforcement of wild life protection Acts ? 5  
b) Write the salient features of water pollutioned and pollution prevention Act of 1974. 5
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