

FACULTY OF ENGINEERING

**B.E. 2/4 (CE / ECE / CSE / M / P / AE) II – Semester (Main) Examination,
April / May 2013**

Subject : 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 a “Natural Resource”. 2
2. What is meant by Eutrophication? 2
3. Mention the merits of solar energy. 3
4. Distinguish between producers and consumers. 2
5. Mention threats to biodiversity. 3
6. Define solid waste management. 2
7. What are greenhouse gases? 3
8. Mention a few flood control measures. 3
9. What is meant by the principle “To live and let live”? What is its significance? 3
10. Mention the types of disasters. 2

PART – B (5 x 10 = 50 Marks)

- 11.a) Write the scope and importance of environmental studies.
b) What are the benefits and problems associated with the construction of dams?
- 12.a) Define the term ecosystem. Give the classification of ecosystem.
b) Distinguish between food chain and food web.
- 13.a) Define genetic, species and ecosystem diversity.
b) What are the various methods of conservation of biodiversity.
- 14.a) Write the salient features of Environmental Protection Act, 1986.
b) Distinguish between composting and vermicomposting.
- 15.a) Write the basic principles of disaster mitigation.
b) What are ‘droughts’? Mention its control measures.
16. Write short notes on :
a) Acid rains b) Impact of disasters on infrastructure and development.
- 17.a) Write about “Man cannot command nature except by obeying it”.
b) Write short notes on fertilizer and pesticide problems.
