



Code No. : 5417/N

FACULTY OF ENGINEERING
B.E. 2/4 (CE/ECE/CSE/M/P/AE) II Semester (New) (Main) Examination,
May/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

(10×2½=25 Marks)

1. Define the terms Ecosystem and Environment.
2. What is bio-magnification ?
3. Distinguish between Lentic and Lotic ecosystems.
4. Mention few values of biodiversity.
5. What are ecological pyramids ?
6. Define Noise pollution.
7. What are green house gases ?
8. Mention two natural disasters.
9. What are Acid rains ?
10. Mention two flood control measures.

PART – B

(5×10=50 Marks)

11. a) What are the merits and demerits of dams ?
b) Define soil erosion. What are the causes ?
12. a) Distinguish between food chains and food webs. Illustrate with examples.
b) Define the terms producers, consumers, decomposers and detritivores.

(This paper contains 2 pages)



13. a) What are the threats to bio-diversity ?
b) Define genetic, species and ecosystem diversity.
14. a) Write the salient features of The Water (Prevention and Control of Pollution) Act 1974.
b) What are the effects of air pollution on man, materials, plants and animals ?
15. "Only if we take care of nature, Nature will take care of us" Explain.
16. Write short notes on :
a) Principle of living is "To Live and Let live".
b) Disaster management.
17. a) What is man's impact on environment ? Explain.
b) Explain briefly endangered and endemic species.