

FACULTY OF ENGINEERING & INFORMATICS**B.E. 2/4 (EE/Inst./MP/IT) I – Semester (Suppl) Examination, 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)**

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| 1. What is thermal energy? | 2 |
| 2. Differentiate between pollution and contamination. | 3 |
| 3. Write short notes on landslides. | 3 |
| 4. Write short notes on water logging and salinity. | 3 |
| 5. What is meant by BIODIVERSITY? | 2 |
| 6. What is the function of Pollution Control Board? | 3 |
| 7. Differentiate between food chain and food web. | 3 |
| 8. What are the causes of acid rain? | 2 |
| 9. What is meant by endangered species? | 2 |
| 10. What is the speciality of ESTUARINE ECOSYSTEM? | 2 |

PART – B (50 Marks)

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| 11.a) Explain the methods to prevent soil pollution. | 5 |
| b) Name some pollutants and their harmful effects on human beings. | 5 |
| 12.a) What are resources? Present a detailed classification of resources with examples. | 5 |
| b) Explain how the various resources are being exploited by human beings. | 5 |
| 13.a) What is an ecosystem? Explain the different components of Ecosystem. | 5 |
| b) What is the use of ecological pyramids in the context of ecological imbalances? | 5 |
| 14.a) Explain the role of individuals and governments in the protection and preservation of biodiversity. | 5 |
| b) Write an account of on bio-geographic zones of India. | 5 |
| 15.a) What are the causes and effects of air pollution? | 5 |
| b) Discuss the causes and effects of noise pollution. | 5 |
| 16.a) What is meant by environmental legislation? | 5 |
| b) Discuss the provision of Wild Life Protection Act. | 5 |
| 17.a) Write a note on rainwater harvesting. | 5 |
| b) What is global warming and state various parameters responsible for the same? | 5 |