

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

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| 1. | What are renewable and non renewable resources? | 3 |
| 2. | Define floods. | 2 |
| 3. | What is green house effect? | 3 |
| 4. | What is meant by endemic species? | 2 |
| 5. | What are the hazards associated with the use of plastics? | 2 |
| 6. | Define drought. | 2 |
| 7. | What is an ecological pyramid? | 2 |
| 8. | What are the benefits and problems of dams? | 3 |
| 9. | Define Food web and Food chain with examples. | 3 |
| 10. | What are the causes and effects of earth quake? | 3 |

PART – B

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| 11.(a) | Write briefly about the scope of environmental studies. | 5 |
| | (b) What is the impact of excessive use of pesticides and fertilizers? | 5 |
| 12.(a) | Why should natural ecosystem and various forms of species be protected? | 5 |
| | (b) Explain the functions and structure of ecosystem. | 5 |
| 13.(a) | Suggest some methods for water conservation. | 5 |
| | (b) Explain the interaction and interdependency of biotic. | 5 |
| 14.(a) | Describe the various trophic levels in an ecosystem. | 5 |
| | (b) Write an account on threats to biodiversity. | 5 |
| 15.(a) | Discuss the various strategies of conservation of biodiversity. | 5 |
| | (b) What are the various causes of air pollution? | 5 |
| 16.(a) | What are the effects of uncontrolled dumping of solid waste? | 5 |
| | (b) Write short notes on | 5 |
| | (i) Watershed management (ii) Soil erosion (iii) Wind energy | |
| 17.(a) | What are the various types of disasters. | 5 |
| | (b) Explain the importance and salient features of wild life protection act. | 5 |