

Code No: 126EC**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B. Tech III Year II Semester Examinations, October/November - 2016****DISASTER MANAGEMENT****(Common to EEE, ME, ECE, CHEM, EIE, IT, AE, AME, MIE, PTE, MSNT, AGE)****Time: 3 hours****Max. Marks: 75****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A**(25 Marks)**

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| 1.a) | Define Ecology? | [2] |
| b) | What are the different types of environmental hazards? | [3] |
| c) | What is meant by planetary hazards? | [2] |
| d) | Define physical and biological Hazards. | [3] |
| e) | Define Earthquake. | [2] |
| f) | What is meant by land slides? Explain. | [3] |
| g) | What is local storms? | [2] |
| h) | Write down the environmental problems. | [3] |
| i) | Define disaster management. | [2] |
| j) | Define post-disaster stages. | [3] |

PART - B**(50 Marks)**

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| 2. | Explain briefly about the concept of environmental stress and disaster. | [10] |
| OR | | |
| 3. | Explain clearly about landscape approach and perception approach of disaster management. | [10] |
| 4. | Write a short note on man induced hazards briefly. | [10] |
| OR | | |
| 5. | Differentiate between endogenous hazards and exogenous hazards. | [10] |
| 6. | What are the hazardous effects of volcanic eruptions? Explain. | [10] |
| OR | | |
| 7. | Write down the causes and distribution of earthquake clearly. | [10] |
| 8. | What are the causes of floods? Explain the flood control measures in brief. | [10] |
| OR | | |
| 9. | Differentiate the global sedimentation problems and regional sedimentation problems. | [10] |
| 10. | Explain briefly about pre-disaster stages. | [10] |
| OR | | |
| 11. | Write a short note on emergency stage. | [10] |