

R13

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)

- 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)

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]
11. Write a short note on emergency stage. [10]

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