

R15

Code No: 126VC

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**B. Tech III Year II Semester Examinations, December - 2018****DISASTER MANAGEMENT****(Common to EEE, ME, ECE, EIE, IT, ETM, MMT, AE, AME, MIE, PTM, 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) What are the hydrological disaster? [2]
- b) Define environmental stress. [3]
- c) Give examples of man induced disasters. [2]
- d) Differentiate exogenous and endogenous hazards. [3]
- e) Mention different types of volcanic disasters. [2]
- f) What are the different earthquake zones of India? [3]
- g) Mention different types of cyclones. [2]
- h) List a few global sedimentation problems. [3]
- i) Differentiate mitigation and preparedness. [2]
- j) Draw the disaster management cycle. [3]

PART - B**(50 Marks)**

2. Explain in detail, the different approaches to restore ecology. [10]
- OR**
3. Discuss in detail, human ecology and its application in geographical researches. [10]
4. How the manmade hazards trigger natural disaster? Justify. [10]
- OR**
5. Discuss in detail different drought patterns and their causes. [10]
6. Explain the causes, measurement and effects of earthquake in detail. [10]
- OR**
7. Define landslide and discuss the causes and effects of landslide. [10]
8. Mention causes of flood and the mitigation measures for flood disaster. [10]
- OR**
9. Define the nuclear disaster. Support your views with the impact of nuclear disaster. [10]
- OR**
10. Discuss the different aspects of disaster mitigation in detail. [10]
- OR**
11. Explain with a suitable case study, the mitigation and management of cyclonic disaster. [10]