

Code No: 135CB

**R16****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B. Tech III Year I Semester Examinations, November/December - 2018****DISASTER MANAGEMENT****(Common to EEE, ME, ECE, CSE, IT, MMT, AE, MIE, PTM, MSNT)****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) List different types of environmental disasters. [2]
- b) How to prevent a hazard from changing into a disaster. [3]
- c) Define heat wave foods. [2]
- d) What causes earth quakes? [3]
- e) Define disaster management. [2]
- f) Describe concept of capacity building. [3]
- g) Describe survival kits. [2]
- h) What are the three stages o disaster management? [3]
- i) List planetary hazards. [2]
- j) List district level disaster management plans. [3]

**PART - B****(50 Marks)**

2. What is an earthquake? Explain how the earthquake is measured and also the basic terminology involved behind the earthquake with neat sketch. [10]

**OR**

- 3.a) Define vulnerability and discuss the process of vulnerability analysis.
- b) Write about levels of disaster and give factors affecting disaster. [5+5]
4. Describe the different steps in relief distribution in disaster management. [10]

**OR**

5. Discuss about structural and non structural mitigation measures in disaster management. [10]
6. Discuss about strengthening capacity for reducing risk. [10]

**OR**

7. Discuss about the Legislative support at the state and national levels. [10]
8. Explain about changing concepts of disaster management. [10]

**OR**

9. Discuss about role of mass media in disaster management. [10]
10. Prepare a organizational structure for disaster management in India. [10]

**OR**

11. Discuss about strategies for disaster management planning. [10]

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