

Code No: 135CB**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B. Tech III Year I Semester Examinations, May/June - 2019****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) What is the significance of vulnerability assessment? [2]
- b) Explain the various man-made hazards. [3]
- c) What is the need of preparedness for any disaster? [2]
- d) What are the functions of crisis management? [3]
- e) What do you mean by capacity building? [2]
- f) Explain the application of counter-disaster resources. [3]
- g) What are uses of survival kits in disaster management? [2]
- h) Explain the industrial safety plan for disaster management. [3]
- i) Write brief on disaster management policy in India. [2]
- j) What are the uses of state disaster management plans? [3]

PART - B**(50 Marks)**

- 2.a) Explain the damage potential of different natural hazards.
 - b) Explain the vulnerability assessment due to floods. [5+5]
- OR**
- 3.a) Explain the disaster phenomena and the important events at national level.
 - b) Explain the various dimensions of vulnerability factors. [5+5]
- 4.a) Explain the importance of planning for relief of any disaster.
 - b) Explain the role of risk management in disaster management mechanism. [5+5]
- OR**
5. Explain the significance of different parameters in disaster management cycle. [10]
- 6.a) Explain the various structural measures for the capacity assessment.
 - b) Explain the utility of counter-disaster resources in disaster management. [5+5]
- OR**
7. Explain the necessity of legislative support at the national level for capacity building. [10]

8. Explain the various coping strategies related to disasters. [10]

OR

9. Explain in detail the role of mass media in disaster management. [10]

10.a) Explain the various steps in the preparation of district disaster management plan.

b) Explain the organizational structure for disaster management in India. [5+5]

OR

11.a) Explain the disaster management act of India.

b) Explain the steps in formulating a disaster risk reduction plan. [5+5]

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