

R16

Code No: 135CB

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, December - 2019

DISASTER MANAGEMENT

(Common to EEE, ME, ECE, CSE, IT, ETM, MMT, AE, MIE, PTE, 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 as sub questions.

PART - A

(25 Marks)

1. a) Give example of manmade disaster. [2]
- b) What are the factors that affect people's Vulnerability? [3]
- c) State the guidelines for mitigation of disasters. [2]
- d) Discuss preparedness to mitigate cyclonic hazard. [3]
- e) Mention the structural measures for capacity assessment. [2]
- f) Explain disaster Management. [3]
- g) Describe about the survival kits. [2]
- h) What are the Safety norms prescribed in industries. [3]
- i) Mention the district level disaster management plans. [2]
- j) Describe the measure in reduction plan. [3]

PART - B

(50 Marks)

2. Explain in detail how the manmade hazards lead to natural disasters. [10]
- OR
3. a) Explain in brief what are the man-made hazards and mention what are the steps taken to prevent them.
- b) Discuss about the process of vulnerability analysis. [5+5]
4. Explain in detail about the preparedness in disaster management. [10]
- OR
5. Explain the mitigation measures required to prevent major damage due to earthquakes. [10]
6. Discuss about the Capacity Building and mention the structural and Non-structural Measures for Capacity Assessment. [10]
- OR
7. Discuss in detail about the resources to counter the disaster and their utility in disaster Management. [10]

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8. Explain about the change in concepts of disaster management strategies in recent times. [10]

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9. Describe in detail about the Safety Plans in industries to deal with disasters. [10]

10. Discuss about the state and district level management plans to deal with disasters. [10]

OR

11. Explain about the Steps for formulating a disaster risk reduction plan. [10]

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