

Code No: 126EC

R13

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year II Semester Examinations, February - 2023

DISASTER MANAGEMENT

(Common to EEE, ME, ECE)

Time: 3 hours

Max. Marks: 75

Note: i) Question paper consists of Part A, Part B.

ii) Part A is compulsory, which carries 25 marks. In Part A, Answer all questions.

iii) In Part B, Answer any one question from each unit. Each question carries 10 marks and may have a, b as sub questions.

PART - A

(25 Marks)

- 1.a) Define ecology. [2]
- b) What are the various steps to manage the environmental hazards? [3]
- c) What are extra Planetary hazards? [2]
- d) Explain Man induced hazards. [3]
- e) Define Endogenous Hazards. [2]
- f) What are the hazardous effects of volcanoes? [3]
- g) Mention the various Chemical hazards. [2]
- h) What are the various causes of floods? [3]
- i) Mention the pre-disaster activities in case of cyclones. [2]
- j) What are the different stages of disaster management? [3]

PART - B

(50 Marks)

2. Explain the factors responsible for environmental disasters and various approaches to handle the same. [10]

OR

3. Explain the human ecology and its application in geographical research. [10]

4. Explain the classification of environmental hazards and disasters. [10]

OR

5. Explain the control measures various types of hazards. [10]

6. Explain the various Endogenous hazards and their impact on environment. [10]

OR

7. Explain earthquake hazards in India and also the risk reduction measures of earthquakes. [10]

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8. Explain the various causes of drought and the drought control measures. [10]

OR

9. Explain the factors influencing the soil erosion and also various conservation measures of soil erosion. [10] QA QA QA QA QA QA QA G

10. Explain the approaches to be implemented in the management of a chemical disaster. [10]

OR

11. Explain with a suitable case study the mitigation and management of earthquake disaster. [10] QA QA QA QA QA QA QA QA QA G

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QA QA QA QA QA QA QA QA QA G

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