

Code No: 115DX

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year: I Semester Examinations, March - 2017

DISASTER MANAGEMENT

(Common to CE, CEE, CSE)

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) Define human Ecology. [2]
- b) What is meant by environmental stress? [3]
- c) What is meant by environmental disaster? [2]
- d) Write down different types of environmental hazards. [3]
- e) Define volcanic eruption. [2]
- f) Explain causes of earthquake. [3]
- g) What is meant by tropical cyclones? [2]
- h) Write down about population explosion. [3]
- i) Write down the stages of disaster management. [2]
- j) Define post-disaster stages. [3]

PART - B**(50 Marks)**

2. Explain briefly about the concept of environmental hazards and its concept. [10]

OR

3. Explain clearly about ecosystem approach and perception approach of disaster management. [10]

4. Differentiate between natural hazards and man induced hazards. Briefly. [10]

OR

5. Explain briefly about the exogenous hazards and its management. [10]

6. What are the hazardous effects of volcanic eruptions? Explain. [10]

OR

7. How the mitigation and perception of earthquake is done in India? Explain. [10]

8. What are the causes of drought? Explain the drought control measures in brief. [10]

OR

9. What are the factors of soil erosion? Explain in brief about conservation measures of soil erosion. [10]

10. Differentiate between pre-disaster stages and post disaster stages. [10]

OR

11. Write a short note on emergency stage. [10]