

R13

Code No: 115DX

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, November/December - 2016

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) Distinguish disaster and hazard. [2]
- b) Highlight any three types of shelter strategies. [3]
- c) Discuss the use of Geo Informatics in Disasters. [2]
- d) Describe the vulnerability indicators. [3]
- e) Mention the quantification of disaster risk. [2]
- f) Draw a note on disaster leading to food insecurity. [3]
- g) What is risk transfer? [2]
- h) Write the benefits of disaster management centres. [3]
- i) What is debt swap and state its merits. [2]
- j) Explain disaster preparedness. [3]

PART - B

(50 Marks)

2. Explain the phases of disaster management. Describe natural disaster and list out the natural disaster with the help any one case study. [10]

OR

3. a) Describe manmade disaster and list out the natural disaster. [5+5]
- b) Describe the psychological and social dimensions of disasters. [5+5]

4. a) Critically evaluate the role played by NGOs in disaster management plan. [5+5]
- b) Explain various types of Disasters and discuss their causes and effects in India. [5+5]

OR

5. a) Highlight any three types of shelter strategies. [5+5]
- b) Define Flood. List out some of the causes and adverse effects of floods. [5+5]

6. a) Explain the policy instruments for disaster intervention. [5+5]
- b) Brief the meaning of mitigation and rehabilitation. [5+5]

OR

7. Analyze the integrating disaster risk in poverty reduction strategy. [10]

