

R18

Code No: 156DP

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year II Semester Examinations, August/September - 2021

DISASTER PREPAREDNESS AND PLANNING MANAGEMENT

(Common to EEE, CSE, IT)

Time: 3 Hours

Max. Marks: 75

**Answer any five questions
All questions carry equal marks**

- 1.a) Explain the term 'coping capacity'. How is it measured? [8+7]
b) What is socio economic vulnerability and brief on the mitigation. [8+7]
- 2.a) What is the essential difference between 'disaster risk management' and 'disaster risk reduction'? [8+7]
b) What are the measures of magnitude of disaster? [8+7]
- 3.a) What are the main reasons for flood and discuss hazard and vulnerability profile of India. [8+7]
b) What are hazardous wastes? When do you call a waste hazardous? [8+7]
- 4.a) What is drought condition? What are the reasons for it? [8+7]
b) What is acid rain and discuss the causes for chemical spills? [8+7]
- 5.a) What is earthquake belt and examine the impact of disaster on ecology. [8+7]
b) What are the short term consequences of disaster impact? [8+7]
- 6.a) What is floodway and examine the global and national disaster trends? [8+7]
b) Briefly explain the impact of disaster on infrastructural assets. [8+7]
- 7.a) What is the environmentally sound practice of dealing with e waste? [8+7]
b) What are the categorizations of disaster under Disaster Management Act? [8+7]
- 8.a) What are the factors identified as constituents of vulnerability? Briefly explain them. [8+7]
b) What is the role of recycling of waste in sustainable development? [8+7]

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