

R15

Code No: 125DX

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, May - 2018

DISASTER MANAGEMENT

(Common to CEE, CE, 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 Ecosystem. [2]
- b) What is Landscape Approach in disaster Studies? [3]
- c) Define technological Disaster. [2]
- d) Explain endogenous Hazards. [3]
- e) What are Rock slides? [2]
- f) What is Conduit? How is it forms? [3]
- g) Define Hydrological drought. [2]
- h) Explain Epidemic [3]
- i) List out 4 Host factors affecting Disaster. [2]
- j) Mention the Principles of Disaster Management. [3]

PART - B

(50 Marks)

- 2.a) Discuss on Environmental disaster.
- b) Give an overview on natural and manmade disasters. [5+5]

OR

- 3.a) Discuss in detail on ecosystem and Perception approaches for Disaster with Human ecology.
- b) Differentiate Disaster and Hazard with suitable example. [6+4]

- 4.a) Classify Man made hazard and explain any one.
- b) What is natural hazard and discuss on causes? [5+5]

OR

- 5.a) Explain in detail on Planetary hazards.
- b) Write a note on Exogenous Hazards. [5+5]

- 6.a) Explain on environmental effect of volcanic eruption.
- b) Write a note on causes for earthquake. [5+5]

OR

7. Elaborate causes, effects of landslides and controlling measures. [10]

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8. Explain in detail on flood disaster and its impact along with case study from India. [10]

OR

9.a) Explain in detail on chemical hazards

b) Write a note on sedimentation process.

[6+4]

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10. Explain in detail Disaster Preparedness and steps involved in it.

[10]

OR

11.a) Describe on Post disaster management.

b) Elaborate Emergency stage.

[5+5]

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