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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]

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]

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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