

**R16**

**Code No: 138FW**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B. Tech IV Year II Semester Examinations, September - 2020**

**DISASTER MANAGEMENT**

**(Common to CE, ME, ECE, MIE)**

**Time: 2 Hours**

**Max. Marks: 75**

**Answer any Five Questions  
All Questions Carry Equal Marks**

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- 1.a) Discuss about different approaches involved in disaster management?  
b) What is the relationship between hazard, vulnerability and disaster? [8+7]
- 2.a) Discuss about the national scenario of natural disasters with special emphasis on floods.  
b) Write a brief account of Risk analysis and management of natural and manmade hazards. [8+7]
- 3.a) Differentiate between risk management and crisis management in disaster management.  
b) Give brief discussion about the five phases of disaster management? [8+7]
- 4.a) Describe the process of preparing disaster management plan?  
b) Write an essay on mitigation of earthquake? [8+7]
- 5.a) Differentiate between structural and non structural measures for flood control .  
b) Discuss about the counter disaster resources and their validity in disaster management? [7+8]
- 6.a) Write an essay on the National policy in disaster management.  
b) Give a brief account of capacity assessment in health care? [7+8]
- 7.a) Explain about some good coping strategies in disaster management.  
b) Discuss about some healthy coping skills that would help you feel better during the outbreak of covid-19. [8+7]
- 8.a) What were the steps followed for formulating a disaster risk reduction plan?  
b) What are the salient features of national disaster management act 2016? [8+7]

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