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Code No: 138FW

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year II Semester Examinations, July - 2021

AG AG AG AG AG AG AG A

DISASTER MANAGEMENT
(Common to CE, ME, ECE, MIE)

Time: 3 hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

- AG AG AG AG AG AG AG A
- 1.a) Discuss different types of vulnerability with reference to disasters.
b) Explain the Pre-disaster and Post-disaster Phases in Disaster Management cycle. [8+7]
- 2.a) Disaster preparedness is the first step in any disaster management process. Explain.
b) Explain why coordination of NGOs in disaster response and recovery is important. [8+7]
- 3.a) Describe various measures taken in India for Disaster Risk Reduction (DRR).
b) Explain the process of capacity building for disaster management in India. [8+7]
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- 4.a) Discuss the coping strategies, preparedness and emergency response during disasters.
b) Explain the conceptual changes of disaster management models. [8+7]
- 5.a) Explain the features of the Disaster Management Act and their significance.
b) What is the National Disaster Response Force (NDRF) and its role during natural disasters? [7+8]
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- 6.a) What are the strengths and the challenges for disaster preparedness and prevention in the country?
b) Explain the importance and features of the counter-disaster plan (CDP) in disaster management. [8+7]
- 7.a) Discuss the importance of role of media in disaster management in India.
b) Explain how the Industrial Safety Plan is prepared in terms of framing safety norms and preparedness with survival kits. [8+7]
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- 8.a) Discuss the highlights of the National Disaster Management Plan.
b) Briefly explain the role of the National Disaster Management Authority – NDMA. [8+7]

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