

Code No: R194201E

R19

Set No. 1

IV B.Tech II Semester Regular Examinations, April– 2023

DISASTER MANAGEMENT & MITIGATION

(Civil Engineering)

Time: 3 hours

Max. Marks: 75

*Answer any FIVE Questions
ONE Question from Each unit
All Questions Carry Equal Marks*

UNIT I

- 1 a) What is a disaster? Explain Different types of Disasters? [7]
b) What is meant by Vulnerability? and its types of Vulnerability [8]
(OR)
- 2 a) Briefly explain about the classification of hazards [7]
b) Explain the concept of Disaster risk severity? [8]

UNIT II

- 3 a) Discuss in detail the vulnerability profile of India. [7]
b) Write a short note about the landslides and forest fires. [8]
(OR)
- 4 a) Elucidate the drought prone areas in Andhra Pradesh, and also describe its causes and characteristics [7]
b) Write about the Nuclear Hazards and their impacts on the globe. [8]

UNIT III

- 5 a) Explain the meaning of global warming. What are the consequences of global warming? [7]
b) What is climate? What is the evidence of climate change, causes of climate change, and effects of climate change? [8]
(OR)
- 6 a) Explain about the Environmental causes and consequences of Disaster impact [7]
b) Explain about the ecological and physical impact of a disaster. [8]

UNIT IV

- 7 a) Explain the different stages in Disaster Management Cycle. [7]
b) Discuss about the structure of disaster management in India. [8]
(OR)
- 8 a) Describe setting up of early warning systems for risk reductions. [7]
b) Explain about the frame work of Disaster Risk Reduction. [8]

UNIT V

- 9 a) Define recovery and environment friendly recovery. [7]
b) Write a short note on effects of urbanization on environment? [8]
(OR)
- 10 a) What is emergency Response, How one should prepare in emergencies? [7]
b) What are the various necessary things required to reconstruct an area after disaster? [8]

