

B. TECH 1ST SEMESTER MIDTERM EXAMINATION, 2022
DISASTER MANAGEMENT
(UCE11B11)

Full Marks: 50

Time: 2 Hour

Answer all the questions.

1. Write short notes on the Following Topics:

- a) National Disaster Management Act
- b) Flood Management Measures
- c) Elastic Rebound Theory
- d) Earthquake Intensity and Magnitude

(5x4=20)

2.

- a) Write down the causes of Fire Hazard.
- b) What are the fire protection requirements for a multi-story building-Describe briefly?

(4+6=10)

3.

- a) Define epicenter and hypocenter.
- b) Describe seismic waves with neat sketches.
- c) Write down the effects of earthquakes.

(3+5+2=10)

4.

- a) Classify different types of cyclones. What are the hazards associated with cyclones?
- b) Explain the cyclone formation mechanism.

(4+6=10)