



VIT

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act 1956)

SLOT: F1

**SCHOOL OF CIVIL ENGINEERING
CONTINUOUS ASSESSMENT TEST – I
FALL SEMESTER 2024-25**

Programme Name & Branch : B.Tech/5 Years Integrated
Course Code : BCLE212L
Course Name : Natural disaster mitigation and management
Faculty Name(s) : Dr. Priyadharshini. B
Class Number(s) : VL2024250105139
Exam Duration : 90 minutes

Maximum Marks: 50

General instruction(s): Answer all the questions

Q. no	Question	Marks
1.	What are the key functions and responsibilities of National Disaster Management Authority (NDMA)?	10
2.	Discuss the concepts of hazard, vulnerability, and risk in the context of disaster management (6 marks). How do these concepts influence disaster preparedness strategies? (4 marks).	10
3.	Compare Hyogo Framework for Action (HFA) and the Sendai Framework for Disaster Risk Reduction.	10
4.	Define and classify droughts (5 marks). Discuss its impacts on health (5 marks).	10
5.	Evaluate the causes and impacts of floods in India (5 marks). Discuss the structural and non-structural measures used for flood mitigation (5 marks).	10