



VIT

Vellore Institute of Technology

SCHOOL OF CIVIL ENGINEERING
CONTINUOUS ASSESSMENT TEST - I
WINTER SEMESTER 2023-2024

SLOT: D1 • T01

Programme Name & Branch : B.Tech (Open Elective)
Course Code : BCLE212L
Course Name : Natural Disaster Mitigation and Management
Faculty Name(s) : Dr. Surendar M; Dr. Arunava Ray; Dr. Venkadayarahan M
Class Number(s) : VL2023240500953; VL2023240500954; VL2023240506555
Exam Duration : 90 minutes Maximum Marks: 50

General instruction(s):

- Answer All Questions

Q. No	Question	Marks
1	Explain the various phases of Disaster Management. What are the problems faced during each phase?	10
2	Explain the Sendai Framework for reducing disaster risk. How can a community lower its risk against any disasters?	10
3	Why do different communities have different risks against any hydrological disaster? Explain with an example.	10
4	What are the pre-disaster actions that need to be taken against flood hazard?	10
5	Explain the formation of a tropical cyclone and discuss its impacts.	10

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