



VIT

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

REG.NO.:

NAME OF THE SCHOOL
CONTINUOUS ASSESSMENT TEST - I
WINTER SEMESTER 2024-2025

SLOT: F1+TF1

Programme Name & Branch : B.Tech Civil Engineering
Course Code and Course Name : BCLE216 Water Resources Management
Faculty Name(s) : L. Vignesh Rajkumar
Class Number(s) : VL2024250503462
Date of Examination : 01.02.2025
Exam Duration : 90 minutes
Maximum Marks: 50

General instruction(s):

- Answer All Questions
- M - Max mark; CO – Course Outcome; BL – Blooms Taxonomy Level (1 – Remember, 2 – Understand, 3 – Apply, 4 – Analyse, 5 – Evaluate, 6 – Create)
- Course Outcomes
 1. Understand the planning of water resources and need for water resource management.
 2. Understand the water resource potential in global, India scenario and explore the water resources using different technologies.
 3. Acquire a knowledge international and national water law and its policy.

Q. No	Question	M	CO	BL
1.	Discuss the process of hydrological cycle and explain briefly the human interference in various parts of this cycle.	10	1	1
2.	Explain the salient features and necessity of water policies with case studies	10	3	2
3.	Discuss about water availability in India and brief on how sustainable use of water and water footprint will support water management.	10	1	3
4.	How would you assess and analyze the current status of water quality in India, and what are the impacts on human health and the environment?	10	2	3
5.	Elaborate on the possible sustainable reuse methods across different sectors of water use.	10	2	2
