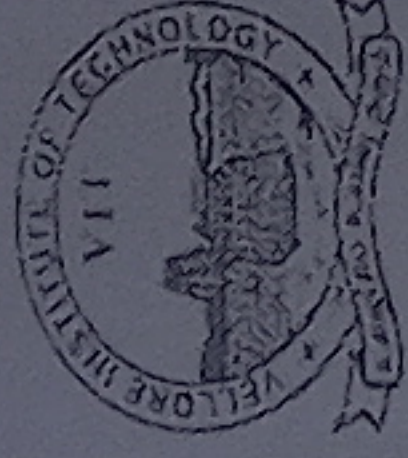




VIT[®]

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

SCHOOL OF BIO SCIENCES AND TECHNOLOGY
CONTINUOUS ASSESSMENT TEST - I
FALL SEMESTER 2025-26

Course Name & code: Microbiology -TBIT202L

Programme Name & Branch: M.Sc. Biotechnology (5 Year)

Class Numbers: VL2025260101008 and VL2025260101005

Faculty Names: Dr. N.Ramesh and Dr. M Kavitha

Exam Duration: 90 min

Slot: C2+TC2

Date: 19.08.25

Maximum Marks: 50

Section – A (5X10=50)

Answer all questions

Q. No.	Question	Max Marks	CO	BL
1.	Who disproved the theory of abiogenesis? Elaborate how this scientist's experiment proved that the life originate from living organisms to the satisfaction of supporters of abiogenesis.	10	1	3
2.	Evaluate the five kingdom and three domain systems of classification with their merits and demerits.	10	1	3
3.	Differentiate transmission and scanning electron microscopes with salient features.	10	2	1
4.	Write a detailed note on any five types of culture media with examples.	10	2	1
5.	Elaborate the following preservation methods and their applications. i). Glycerol stock ii). Lyophilization iii). Soil preservation method	10	2	2