



VIT
Vellore Institute of Technology
(Inscribed to be University under section 3 of U.G. Act, 1956)

School of Bio Sciences and Technology

Continuous Assessment Test -I (CAT-I) Fall Semester (2024-25)

Course Name & code: Microbiology -TBIT202L

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

Class Numbers: VL2024250104114 and VL2024250104118

Slot: C1+TC1

Faculty Names: Dr. E Nalini and Dr. M Kavitha

Exam Duration: 90 min

Maximum Marks: 50

Section – A (5X10=50)

Answer all questions

Q. No.	Question	Max Marks	CO	BL
1.	Summarize the contributions of Louis Pasteur and Robert Koch to Microbiology.	10	1	2
2.	Enlist any five specific cellular parts that are exclusively present in bacteria and write a brief note on them.	10	1	3
3.	Explain the working principle of bright field microscope with a neat diagram.	10	1	1
4.	Write a detailed note on enriched, enrichment, selective, indicator and transport media with examples.	10	2	1
5.	Where could you apply the following preservation methods? i). Glycerol stock ii). Lyophilization iii). Regular subculture	10	2	4