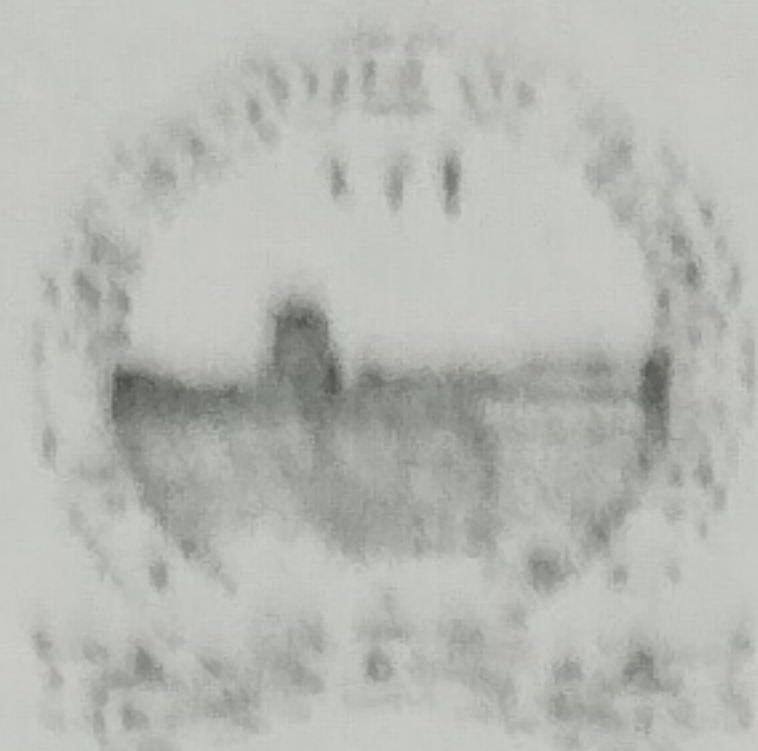




Continuous Assessment Test -1 (CAT-1) Fall Semester (2022-23)

Course Name & code: Microbiology /BBIT203L Programme Name & Branch: B.Tech (Biotech)

Class Number: VL2022230101408/VL2022230101410

Slot: D2+TD2

Faculty Name: Dr. ANAND A/Dr. SUNEETHA V Exam Duration: 90 Minutes Maximum Marks: 50

General instruction(s): Answer all questions 5X10 = 50 Marks

Q.No.	Question	Max Marks	CO	BL
✓1.	Recall the contributions of any five pioneering scientists and list their major discoveries.	10	CO1	L1
✓2.	Compare and contrast the principle, working mechanisms of light compound microscope and electron microscope with suitable diagrams	10	CO1	L2
3.	Given a mixed bacterial culture and asked to identify & differentiate their morphology by employing a staining procedure; how will you proceed? Discuss the principle, procedure and use suitable sketch.	10	CO1	L3
✓4.	Define sterilization and classify the different methods employed for sterilization; infer the mechanism of any one physical method of your choice.	10	CO2	L4
✓5.	Outline the ideal characteristics of a bacterial culture media; list the different types and give suitable examples	10	CO2	L2