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**School of Biological and Life sciences**

Bachelor of Science Honours in Microbiology

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

**Sem II - P1UC202B - Bacteriology**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Discuss the term nucleoid. K2 (2)
- 2) Explain the chemical composition of cell wall in detail. K1 (3)
- 3) List out the different component of cytoplasm in bacterial cell. K2 (4)
- 4) Describe the Archaeobacterial cell wall. K2 (6)
- 5) Illustrate the pure culture technique. K3 (6)
- 6) Discuss Cultivation process of Bacteria in laboratory. K3 (9)
- 7) Categorise the layout of Liquid nitrogen preservation method. K4 (8)
- 8) Discuss the different type of sterilization methods in detail. K4 (12)

**OR**

- Discuss the physical sterilization methods in detail. K4 (12)