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**School of Biomedical Science**  
**Bachelor of Science in Medical Biotechnology**  
**Semester End Examination - Nov 2023**

**Duration : 180 Minutes**  
**Max Marks : 100**

**Sem V -C2UH502B - Microbial Technology**

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) Name any two physical methods use to control bacterial growth? K1 (2)
- 2) Explain microbial biodiversity K2 (4)
- 3) Summarize oxidative phosphorylation K2 (6)
- 4) Construct different type of microorganisms are commonly used in Microbial Fuel Cells? K3 (9)
- 5) Construct natural compounds used in bioremediation process? K3 (9)
- 6) Interpret different factors affecting environmental conditions of microbes K5 (10)
- 7) Inspect microbial strain improvement K4 (12)
- 8) Justify- Bergey's manual of systemic bacteriology K5 (15)
- 9) Justify specific screening for desired product K5 (15)
- 10) Elaborate preservation of bacterial growth using physical and chemical methods K6 (18)