

# School of Biomedical Science

Department of Biomedical Science

Mid Term Examination

Exam Date: 27 Sep 2023

Time : 90 Minutes

Marks : 50

## Sem V -C2UH502B - Microbial Technology

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

- 1) Name different sources of carbon nutrition for microorganisms. K2 (2)
- 2) Define lag phase and decline phase? K1 (3)
- 3) Explain log and stationary phase? K2 (4)
- 4) Explain mode of action of antibiotics against infection. K2 (6)
- 5) Identify different physical and chemical agents that can induce mutations? K3 (6)
- 6) Distinguish between aerobic and anaerobic respiration? K3 (9)
- 7) Explain archae, eubacteria and bacteria K4 (8)
- 8) Explain biophotolysis of water? K4 (12)

**OR**

Discuss the applications of biological fuel cells? K4 (12)