

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

School of Biomedical Science

Master of Science in Medical Biotechnology

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

Sem I - Q1PO112B - Medical MicrobiologyGeneral 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) Nutritional types of microorganisms sources of carbon? K2 (2)
- 2) Define lag phase and decline phase with suitable curve diagram? K1 (3)
- 3) Explain- log and stationary phase? K2 (4)
- 4) Summarize phagocytosis? K2 (6)
- 5) Identify physical and chemical agents that can induce mutations? K3 (6)
- 6) Construct colonization factors (adherence) in brief with suitable example? K3 (9)
- 7) Simplify archaeobacteria and bacteria? K4 (8)
- 8) Analyze biofilm formation? K4 (12)

OR

Analyze classification bacteria on the basis of temperature requirement? K4 (12)