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School of Biological and Life sciences

Bachelor of Science Honours in Biomedical Science

Mid Term Examination - Mar 2024

Duration : 90 Minutes

Max Marks : 50

Sem VI - P1UA601T - Medical Microbiology and Advanced Medicinal ChemistryGeneral 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) What is a host-pathogen interaction? K2 (2)
- 2) Differentiate symptoms between malaria and dengue K1 (3)
- 3) Where in the body does *Treponema pallidum* typically infect? K2 (4)
- 4) Explain how the *Histoplasma* fungus infects the body and causes histoplasmosis K2 (6)
- 5) Describe the diagnostic methods used to detect *Vibrio cholerae* infections, including culture and molecular techniques. K3 (6)
- 6) Discuss the different stages of malaria infection and the corresponding symptoms K3 (9)
- 7) How is *Streptococcus pyogenes* transmitted from person to person? K4 (8)
- 8) Explain the lifecycle of the malaria parasite within the mosquito vector and human host K4 (12)

OR

Provide an overview of one representative disease of cutaneous mycoses, such as tinea corporis or ringworm K4 (12)