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School of Biological and Life sciences

Bachelor of Science Honours in Microbiology

Mid Term Examination - Mar 2024

Duration : 90 Minutes

Max Marks : 50

Sem VI - P1UC608B - Fundamentals of 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) Illustrate the Whittaker five kingdoms concept in microbial taxonomy. K2 (2)
- 2) Define Louis Pasteur contribution in microbiology. K1 (3)
- 3) Express the Paul Enrich involvement in microbiology. K2 (4)
- 4) Explain the Louis Pasteur swan-neck flask experiment. K2 (6)
- 5) Explain the Koch's postulates experimental steps which verified the germ theory of disease. K3 (6)
- 6) Express the basis of bacterial classification. K3 (9)
- 7) Explain the types of helminths in details. K4 (8)

- 8) Write the special staining techniques for microscopic identification of Microorganisms. K4 (12)

OR

Describe the reproduction and spore formation in bacteria. K4 (12)