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School of Medical and Allied Sciences

M.Sc Medical Lab Technology
Mid Term Examination - Nov 2023

Duration : 90 Minutes
Max Marks : 50

Sem I - L1PG102T - 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) Illustrate the concept of cell theory with a suitable example. K2 (2)
- 2) Recall the techniques and procedures involved in the cultivation of viruses. K1 (3)
- 3) Demonstrate the steps involved in the identification and diagnosis of Picornaviruses and their associated diseases. K2 (4)
- 4) Summarize and explain the classical techniques used for microbial identification. K2 (6)
- 5) Apply your knowledge on the bacterial cell K3 (6)
- 6) Organize the pox viruses based on their characteristics and associated diseases. K3 (9)
- 7) Analyze the process of viral vaccine preparation and explain the immunization schedules for different viral diseases. K4 (8)
- 8) Categorize microorganisms into their respective microbial kingdoms based on their characteristics. K4 (12)

OR

- Categorize the medically important bacteria into different groups based on their mode of transmission. K4 (12)