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School of Medical and Allied Sciences

B.Sc Medical Lab Technology
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem IV - L1UD405T - Medical Mycology and VirologyGeneral 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) Explain the structure of a virus and classify viruses based on their structural characteristics. K2 (2)
- 2) Define the different types of medically important viruses and their associated diseases. K1 (3)
- 3) Explain the process of viral multiplication K2 (4)
- 4) Explain the proper techniques for collecting, transporting, and storing samples for viral diagnosis. K2 (6)
- 5) Illustrate the viral structure and classification to predict the potential outcomes of viral infections. K3 (6)
- 6) Illustrate the steps involved in the viral life cycle K3 (9)
- 7) Analyze the impact of viral infections on public health and the importance of vaccination in preventing viral diseases. K4 (8)
- 8) Analyze the medically important viruses based on their classification and the diseases they cause. K4 (12)

OR

Analyze the staining techniques used in virology based on their mechanisms and applications. K4 (12)