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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 II - L1UD204T - Human Anatomy and PhysiologyGeneral 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 and function of muscular tissues. K2 (2)
- 2) Define the functions of connective tissues and provide examples. K1 (3)
- 3) Explain the structure and function of different cell organelles using diagrams or models. K2 (4)
- 4) Explain the key differences between mitosis and meiosis in cell division. K2 (6)
- 5) Illustrate the concept of connective tissues to explain how they support and connect different organs in the body. K3 (6)
- 6) Illustrate a chart or diagram explaining the different types of muscular tissues and their functions. K3 (9)
- 7) Analyze the composition of blood and determine the function of each component. K4 (8)
- 8) Analyze the various blood cells based on their structure and functions. K4 (12)

OR

Analyze the different types of blood vessels found in the cardiovascular system and their respective functions. K4 (12)