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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 - L1PG101T - 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) Illustrate the directional terms used in human anatomy and provide an example of each. K2 (2)
- 2) Recall the locations of the major body cavities. K1 (3)
- 3) Illustrate the structural and functional classification of joints with specific examples for each type. K2 (4)
- 4) Summarize the functions of the skeletal system and explain how the axial and appendicular skeleton contribute to overall body support and movement. K2 (6)
- 5) Apply the knowledge of muscle types and muscle contraction to explain how a weightlifting exercise engages different muscle groups K3 (6)
- 6) Organize the steps of respiration, from inhalation to gas exchange, in the correct order. K3 (9)
- 7) Analyze the effects of hormones produced by the endocrine glands on target tissues and organs. K4 (8)
- 8) Categorize the different types of joints based on their structural and functional classifications. K4 (12)

OR

Categorize the various senses into different sense organs (e.g., sight, hearing, taste) and explain their corresponding anatomical structures. K4 (12)