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School of Medical and Allied Sciences

Bachelor of Physiotherapy

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

Sem III - L1UB304T - Biomechanics and KinesiologyGeneral 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) Infer the role of the deep intrinsic muscles of the vertebral column, such as the multifidus and rotatores, in spinal stability and proprioception, discussing their anatomical features and functional significance. K2 (2)
- 2) Relate the general effects of aging on the vertebral column. K1 (3)
- 3) Explain the interplay between injury and aging in the context of the vertebral column, highlighting the cumulative effects and potential complications. K2 (4)
- 4) Outline the name of two muscles responsible for the movement and stability of the vertebral column. K2 (6)
- 5) Identify the pathophysiology of common spinal injuries. K3 (6)
- 6) Construct an note on functions of the thoracic region of the vertebral column. K3 (9)
- 7) Classify the cervical and lumbar regions of the vertebral column. K4 (8)
- 8) Conclude the role of the glenohumeral joint in the shoulder complex. K4 (12)

OR

- Analyze the role of the radioulnar joint in the elbow complex. K4 (12)