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School of Medical and Allied Sciences

Bachelor of Physiotherapy

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

Sem II - L2UA202T - Human Physiology-IIGeneral 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) Classify function of the juxtaglomerular apparatus in the kidney? K2 (2)
- 2) Define key role of antidiuretic hormone (ADH) in the regulation of water balance? K1 (3)
- 3) Explain blood supply of brain (circle of willis). K2 (4)
- 4) Illustrate pathway of descending tracts. K2 (6)
- 5) Identify role of the kidneys in maintaining acid-base balance in the body. K3 (6)
- 6) Make use of ascending tracts in human body. K3 (9)
- 7) Classify the significance of cerebellum. K4 (8)
- 8) Analyse the process of urine concentration in the collecting duct and the role of aquaporins. K4 (12)

OR

Analyse the process of action potential in detail K4 (12)