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School of Medical and Allied Sciences

Bachelor of Optometry

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

Sem I - L1UA102T - General Physiology-IGeneral 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 osmosis? K2 (2)
- 2) Label the function of red blood cells? K1 (3)
- 3) Distinguish between Osmosis and Diffusion. K2 (4)
- 4) Assess the significance of osmosis in maintaining turgor pressure in plant cells. K2 (6)
- 5) Identify different functions of WBCs K3 (6)
- 6) compare white blood cells & red blood cells. K3 (9)
- 7) Examine the mechanism of clotting and identify potential points of failure in the process. K4 (8)

- 8) Explain the processes of filtration and dialysis, highlighting their principles, mechanisms, and applications in physiological systems. K4 (12)

OR

- Compare and contrast the mechanisms of osmosis and filtration. K4 (12)