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School of Medical and Allied Sciences

Bachelor of Pharmacy

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 30

Sem VI - BPHT6004 - Biopharmaceutics and PharmacokineticsGeneral 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) Define the term of Pharmacokinetics. K1 (2)
- 2) Explain the basic formula of fick's first law of diffusion. K2 (2)
- 3) Summarize the term Drug metabolising organ. K2 (2)
- 4) What is the elimination? K1 (2)
- 5) Outline the term clearance. K2 (2)
- 6) Identify the carrier mediated transport. K3 (5)

- 7) Distinguish the factors affecting G.I. absorption of drugs. K4 (5)

OR

Compare active tubular secretion and tubular reabsorption of renal excretion of drug. K4 (5)

- 8) Determine the Method of preparation of plasma. K5 (10)

OR

Determine the surface renewal theory. K5 (10)