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**School of Medical and Allied Sciences**

Bachelor of Optometry

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

**Sem IV - L1UA404T - Basic and Ocular Pharmacology**General 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) Explain the concept of pharmacology in relation to drug introduction. K2 (2)
- 2) State any three common sources of drugs. K1 (3)
- 3) Describe the difference between synthetic and semi- synthetic sources of drugs. K2 (4)
- 4) Summarize the factors influencing drug distribution in the body. K2 (6)
- 5) Define receptors and explain its types. K3 (6)
- 6) Define pharmacokinetics and categorize the routes of drug excretion. K3 (9)
- 7) Define Antagonism and distinguish between competitive and non-competitive antagonism. K4 (8)
  
- 8) Categorize the combined effect of drugs in terms of its effect with one example of each. K4 (12)

**OR**

- Sort the combined effects of medications according to their effects, giving one example of each. K4 (12)