

School of Medical and Allied Sciences**Bachelor of Optometry
Semester End Examination - Jun 2024****Duration : 180 Minutes
Max Marks : 100****Sem IV - L1UA404T - BOPT4005 - 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*

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| 1) | Define Placebo and physiological state of drug action. | K1(2) |
| 2) | Categorize the four main processes involved in pharmacokinetics. | K2(4) |
| 3) | Make a flowchart which explains the parasympathetic nervous system in controlling pupillary size. | K2(6) |
| 4) | Define drug distribution and categorize its principles in details. | K3(9) |
| 5) | Discuss the mechanism of drug action. | K3(9) |
| 6) | Create a flowchart illustrating the various routes of anaesthesia and their key characteristics. | K5(10) |
| 7) | Elaborate the procedure of formulating an ideal drug in detail. | K4(12) |
| 8) | Explain the principles & mechanisms of receptors. | K5(15) |
| 9) | Elaborate the principles and mechanisms of drug action. | K5(15) |
| 10) | Design a flowchart which depicts the different routes of drug administration along its limitations with an example of each. | K6(18) |