

# School of Medical and Allied Sciences

Optometry  
ETE - Jun 2023

Time : 3 Hours

Marks : 100

## Sem IV - BOPT4005 - Basic and Ocular Pharmacology

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

1. Define all drug withdrawal routes. K1 CO2 (5)
2. Differentiate between fluorescein and rose bengal dye and its uses. K1 CO3 (5)
3. Define ophthalmic diagnostic drugs. K1 CO1 (5)
4. Conclude about General Anaesthesia and also discuss its 4 stages. K4 CO2 (10)

**OR**

5. Explain about special drug delivery system and its classification. K4 CO2 (10)  
Define Pharmacokinetics and ADME process in detail. K3 CO2 (10)
6. Analyze all the factors affecting drug absorption. K2 CO1 (10)
7. Distinguish between General and Local anaesthesia with example of each. K3 CO3 (10)
8. Explain ocular anaesthesia in detail and also discuss about its different routes of drug administration. K4 CO1 (15)
9. Differentiate between mydriatic and cycloplegic eye drops and also define one example of each in detail. K4 CO3 (15)

**OR**

10. Explain in detail about ocular drugs used for ophthalmic diagnostic purposes. K4 CO3 (15)  
Describe the process of a new drug development. K4 CO2 (15)