

Q P Code: 222013

Reg. No.....

**Second Year B.Sc Optometry Degree Supplementary Examinations  
May 2025**

**Nutrition, Biochemistry & Pharmacology**

**Section B: Pharmacology**

**(2016 scheme)**

**Time: 2 hrs**

**Max. Marks: 40**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay**

**(10)**

1. Classify Non-Steroidal Anti-Inflammatory Drugs (NSAIDs). Describe the mechanism of action, uses and adverse drug reactions of NSAIDs.

**Short Notes**

**(3x5=15)**

2. Routes of ocular administration of drugs
3. Antianginal drugs
4. Second generation antihistamines

**Answer Briefly**

**(5x2=10)**

5. Antifungal agents for ophthalmic use
6. Uses and adverse drug reactions of atropine in eye
7. Treatment of acute congestive glaucoma
8. First order kinetics of drug elimination
9. Diazepam

**One word answer**

**(5x1=5)**

10. Name a drug which causes optic neuritis as side effect
11. Name one antihypertensive drug safe in pregnancy
12. Name one dye used for retinal angiography
13. Name one thrombolytic drug
14. Name one tricyclic antidepressant

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