

Q P Code: 222013

Reg. No.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
May 2024**

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. Describe the mechanism of action, route of administration and adverse effects of drugs used in different types of glaucoma. Add a note on the management of acute angle closure glaucoma.

Short Notes (3x5=15)

2. Factors influencing penetration of ocular drugs
3. Ophthalmic uses of corticosteroids
4. Ocular local anaesthetics

Answer Briefly (5x2=10)

5. Anti-anginal drugs
6. Drugs for bacterial conjunctivitis
7. Zinc deficiency
8. Topical anti-histamines
9. Serotonin modulators

One word answer (5x1=5)

10. Name one ocular dye
11. Name one ocular antiviral
12. Name one parenteral anticoagulant
13. Name one plasma expander
14. Name one mast cell stabilizer
