

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Optometry Degree Examination – 20-Nov-2025

Time: 3 Hours

Max. Marks: 80 Marks

MICROBIOLOGY AND PATHOLOGY, PHARMACOLOGY

SECTION B: PHARMACOLOGY (40 MARKS)

(REVISED SCHEME – 3)

Q.P. CODE: 3115

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

(Note : Both QP Codes 3114 and 3115 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer Any Two)

2 x 10 = 20 Marks

1. Mention the different types of allergic reactions and discuss their mechanisms.
2. Define antibiotics. Discuss the classification, mechanism of action, therapeutic uses and adverse effects of Cephalosporins.
3. Classify the diuretics used in ophthalmology. Elaborate on osmotic diuretics.

SHORT ESSAYS (Answer Any Two)

2 x 5 = 10 Marks

4. Discuss anti-diabetic drugs.
5. General and ocular complications of corticosteroid therapy.
6. Write short notes on the beta blockers.

SHORT ANSWERS

5 x 2 = 10 Marks

7. Mention three pre-surgical antiseptics.
8. Mention any three Mydriatics.
9. Mention three sources and three functions of Vitamin A.
10. Mention three sources of drugs.
11. Three drugs used to diagnose ocular disorders.
