Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Optometry Degree Examination – 16-Nov-2026

Time: Three Hours **Max. Marks: 100 Marks**

MICROBIOLOGY AND PATHOLOGY, PHARMACOLOGY (RS-4)

Section B – PHARMACOLOGY (50 marks)

Q.P. CODE: 3350

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

(Both QP codes 3349 and 3350 are to be answered within total duration of 3 hours)

LONG ESSAYS (First Question Choice) **1 x 10 = 10 Marks**

1. Classify diuretics mention the mechanism of action uses of adverse effects used in ocular disorders

   Or

   Classify local anesthetics mention the routes of administration and uses of Lignocaine in ophthalmology

SHORT ESSAYS (Question No 5 choice) **5 x 5 = 25 Marks**

2. Bioavailability
3. Uses and adverse effects of corticosteroids
4. Mydriatics
5. Drugs in glaucoma

   Or

   Antibiotics used in eye
6. Antihistamines

SHORT ANSWER **5 x 3 = 15 Marks**

7. Name three drugs causing ocular toxicity
8. Tears substitutes
9. Name immunomodulators
10. Coagulants
11. Wetting agents

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