

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Optometry Degree Examination - 20-Nov-2025

Time: Three Hours

Max. Marks: 100 Marks

MICROBIOLOGY, PATHOLOGY AND 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

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

LONG ESSAYS (Question No. 1 choice)

1 x 10 = 10 Marks

1. Mention the various routes of drug administration with example. What are the advantage and disadvantage of intravenous routes

OR

Classify Chemotherapeutic drugs. Discuss mechanism of action, uses and adverse effect of Aminoglycosides

SHORT ESSAYS (Question No. 5 choice)

5 x 5 = 25 Marks

2. Miotics and mydriatics drugs
3. Pre anaesthetic medication
4. Discuss anti diabetic drugs
5. Mention various types of ocular drug delivery system

OR

Therapeutic use and adverse effect of thiazide diuretics

6. Dyes used in ocular diagnosis

SHORT ANSWERS

5 x 3 = 15 Marks

7. Bio-availability
8. Drug nomenclature
9. Drug for hypertensive crisis
10. Tear substitute
11. Occusert
