

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Optometry Degree Examination - 05-Dec-2023

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. Name the parenteral method of drug administration mention the advantage and disadvantages of intra-venous route of drug administration

OR

Classify anti-hypertensive drugs. Describe mechanism of action, adverse effect and uses of β blockers

SHORT ESSAYS (Question No. 5 choice)

5 x 5 = 25 Marks

2. Describe multi drug regimen in leprosy
3. Write short note on source of drugs
4. Write a note on drug delivery system
5. General and ocular complication of corticosteroids

OR

Mechanism action of aldosterone

6. Anti-diabetic drugs

SHORT ANSWERS

5 x 3 = 15 Marks

7. Chemotherapy
8. Ocular toxicology
9. Uses of trace elements in ophthalmic practice
10. Define sedative and hypnotics with example for each
11. Osmotic pump
