

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Optometry Degree Examination – 28-Nov-2024

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. Coagulants: actions, mechanism, uses and adverse effects
2. Explain the various ocular preparations and formulations available for ophthalmic treatment
3. Define Pharmacokinetics and write brief note on the fate of the drug after administration.

SHORT ESSAYS (Answer Any Two)

2 x 5 = 10 Marks

4. Ideal properties of stains used in ocular preparations with examples.
5. Explain the physiological factors affecting the oral route of administration.
6. Adverse effects of drugs used in treatment of cardiovascular disorders.

SHORT ANSWERS

5 x 2 = 10 Marks

7. Biguanides as anti-diabetic drugs
8. Therapeutic index
9. Diazepam as a skeletal muscle relaxant
10. Define: Agonist and Antagonist
11. Oral dose of a drug
