

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY & PATHOLOGY, PHARMACOLOGY

Q.P. CODE: 3114

SECTION A – MICROBIOLOGY AND PATHOLOGY (RS – 3) (40 Marks)

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. Define sterilization and classify. Explain in detail about autoclave
2. Describe the lab-diagnosis of HIV –AIDS
3. Explain the classification, source, lab diagnosis and treatment of bacterial endophthalmitis

SHORT ESSAYS (Answer any Two)

2 x 5 = 10 Marks

4. Give an account of herpes simplex virus
5. Define anemia and list the different types
6. Short notes on Mycotic keratitis

SHORT ANSWERS

5 x 2 = 10 Marks

7. Define embolism
8. What is inflammatory pseudo tumour of orbit?
9. Explain eyeworm
10. Name any three parasites causing eye infections
11. Describe staphylococcus aureus
