

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours

Max. Marks: 100 Marks

MICROBIOLOGY, PATHOLOGY AND PHARMACOLOGY (RS – 4)

Section A: MICROBIOLOGY AND PATHOLOGY (50 Marks)

Q.P. CODE: 3349

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. What is Leukemia? Classification and explain chronic myeloid leukemia

OR

Write in detail about different types of culture methods

SHORT ESSAYS (Question No. 5 choice)

5 x 5 = 25 Marks

2. Discuss briefly TORCH complex
3. Give brief account of clinical manifestations of Syphilis
4. Complications of wound healing
5. Spread of malignant tumours

OR

Applications of commonly used disinfectants in hospital

6. Explain enriched and enrichment media

SHORT ANSWERS

5 x 3 = 15 Marks

7. Write any three ocular viral infections
8. Pneumococcus
9. Name three gram positive bacteria
10. Necrosis
11. Define thrombocytopenia
