

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Optometry Degree Examination – 28-Nov-2024

Time: Three Hours

Max. Marks: 100 Marks

MICROBIOLOGY AND PATHOLOGY, 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

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

LONG ESSAYS (First Question Choice)

1 x 10 = 10 Marks

1. Give an account of gram negative bacteria

Or

What is leukemia? Classification and explain chronic myeloid leukemia

SHORT ESSAYS (Question No 5 choice)

5 x 5 = 25 Marks

2. Give an account of Filamentous bacteria
3. Discuss briefly TORCH complex
4. Add a note on enriched and enrichment media
5. Define sterilization. Explain hot air oven

Or

Give brief account of disinfection

6. Classify leprosy, mention modified Ridley and Jopling classification

SHORT ANSWER

5 x 3 = 15 Marks

7. Phagocytosis
8. Staphylococcus aureus
9. Abscess
10. Moraxella lacunata
11. Name any three fungal infections of the eye
