

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Optometry Degree Examination – 15-May-2025

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. Write in detail about acanthamoeba keratitis

Or

Write anatomy and pathology in degeneration of cornea

SHORT ESSAYS (Question No 5 choice)

5 x 5 = 25 Marks

2. Write about any two common bacterial culture media
3. Define sterilization. Explain radiation
4. Laboratory diagnosis of tuberculosis
5. Anaerobic bacterial culture methods

Or

Write in detail about bacterial conjunctivitis

6. Define the term meningitis, pyaemia, bacteremia

SHORT ANSWER

5 x 3 = 15 Marks

7. Anaerobic bacteria
8. Write any three bleeding disorders
9. Penicillium
10. Adenovirus
11. Definition of cavernous sinus thrombosis
