

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Optometry Degree Examination – 10-Jun-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. What is sterilization? Classify it. Write a note on the autoclave.

OR

Give an account of the causative agent, pathogenesis, risk factors and treatments of bacterial Endophthalmitis.

SHORT ESSAYS (Question No 5 choice)

5 x 5 = 25 Marks

2. Explain Acanthamoeba keratitis.
3. Describe the laboratory diagnosis of bacterial keratitis.
4. Write a note on culture media.
5. Give an account of cells of inflammation.

OR

Explain the details of viral conjunctivitis.

6. Discuss the pathophysiology of thrombosis.

SHORT ANSWER

5 x 3 = 15 Marks

7. Name the three disinfectants used in the microbiology laboratory.
8. Loa Loa
9. What are the uses of blood agar?
10. Name two inflammatory diseases of the retina.
11. What are Lepra cells?
