

Rajiv Gandhi University of Health Sciences, Karnataka  
II Year B.Sc. Optometry Degree Examination - 24-May-2023

Time: Three Hours

Max. Marks: 100 Marks

**MICROBIOLOGY, PATHOLOGY & PHARMACOLOGY (RS-4)**

**Section A: MICROBIOLOGY & 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 (First Question Choice)**

1 x 10 = 10 Marks

1. Write in detail about different types of bacterial culture media.

**OR**

Define sterilization. Enumerate different methods of sterilization using Moist heat method. Write briefly on any one of them.

**SHORT ESSAYS (Question No 5 choice)**

5 x 5 = 25 Marks

2. Acanthamoeba keratitis.
3. Give a brief account of disinfection.
4. Types of inflammation.
5. Describe Miliary Tuberculosis

**OR**

- Conjunctivitis.
6. Cytomegalovirus.

**SHORT ANSWER**

5 x 3 = 15 Marks

7. Define cataract. Write any two types of cataract.
8. Define thrombocytopenia.
9. Name two sexually transmitted diseases.
10. Name two universal precautions used in hospital.
11. Define anemia.

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