

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.P.T. Degree Examination – 05-May-2026

Time: 3 Hours

Max. Marks: 40 Marks

MICROBIOLOGY - (RS-5)

Q.P. Code: 2738

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 2737 and 2738 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Define immunity. Classify immunity. Describe the attributes of innate immunity
2. How is the Poliovirus transmitted? Explain the pathogenesis and prophylaxis of poliomyelitis

SHORT ESSAYS (Answer any Three)

3 x 5 = 15 Marks

3. Laboratory diagnosis of pulmonary tuberculosis
4. Laboratory diagnosis of urinary tract infections
5. IgA immunoglobulin
6. General properties of viruses

SHORT ANSWERS

5 x 3 = 15 Marks

7. Define antigen antibody reactions
8. Prophylaxis of rabies
9. List physical methods of sterilization
10. List four species of malarial parasite
11. Draw neat and labeled diagram of bacterial growth curve
