Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T. Degree Examination – 23-Oct-2026

Time: 3 Hours **Max. Marks: 40**

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. Describe the pathogenesis, laboratory diagnosis of poliomyelitis. Add a note on its prophylaxis
2. Define and classify sterilization. Write in detail about Hot air oven

SHORT ESSAYS (Answer any Three) **3 x 5 = 15 Marks**

3. Laboratory diagnosis of tuberculosis
4. Differences between exotoxins and endotoxins
5. Candida albicans
6. IgG

SHORT ANSWERS **5 x 3 = 15 Marks**

7. Selective media
8. Midstream urine collection
9. Name three species of Aspergillus
10. Definition of pyrexia of unknown origin
11. Three modes of transmission of hepatitis B virus

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