Rajiv Gandhi University of Health Sciences, Karnataka

III Semester Bachelor of Occupational Therapy Degree Examination – 13-Nov-2026

Time: Three Hours **Max. Marks: 50 Marks**

MICROBIOLOGY – (SEC B) - (OS/RS)
Q.P. CODE: 3422

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary
(Note: Both QP Codes 3421 and 3422 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any one) **1 x 10 = 10 Marks**

1. Define sterilization. Write in detail about moist heat method of sterilization
2. Explain the morphology, pathogenesis, clinical manifestation and laboratory diagnosis of Vibriocholarae.

SHORT ESSAYS (Answer any five) **5 x 5 = 25 Marks**

3. AIDS
4. Syphilis
5. Candidiasis
6. Herpes virus
7. Define shock. Explain different types of shock.
8. Write the difference between Gram +ve and Gram –ve bacteria

SHORT ANSWER (Answer any five) **5 x 3 = 15 Marks**

9. Enlist the general properties of virus
10. Membrane filters
11. Bacterial plasmid
12. Non-ionizing Radiation
13. Natural Acquired Immunity
14. Antigen – Antibody reaction

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