Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Respiratory Care Technology Degree Examination – 28-Oct-2026

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

Applied Microbiology (RS-3)

Q.P. CODE: 3397

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 3396 and 3397 are to be answered within total duration of 3 hours)

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

1. Explain different types of Hospital acquired infections. Explain catheter related blood stream infection
2. Describe the principle, procedure and uses of autoclave

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

3. Lab diagnosis of Tuberculosis
4. Transmission of Hepatitis B virus
5. Infection control in ICU
6. Central Sterile Supplies Department
7. Hot air oven
8. Disinfection of patient care unit

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

9. Name any three infections spread by direct contact
10. Name bacteria causing Pneumonia
11. Gaseous sterilisation
12. Rinse sampling techniques
13. Name three RNA viruses

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