

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Respiratory Care Technology Degree Examination – 23-Dec-2022

Time: Three Hours

Max. Marks: 50 Marks

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. Define health care associated infection. Describe the common types of health care associated infections and its measure to control in the health care settings
2. Enumerate the organisms transmitted by respiratory tract. Describe the laboratory diagnosis and prevention of pulmonary tuberculosis

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 Marks

3. Plasma sterilisation
4. Mode of transmission and prevention of hepatitis B virus
5. Antibacterial susceptibility testing
6. Air surveillance techniques
7. Laboratory diagnosis of HIV
8. CSSD

SHORT ANSWER

5 x 3 = 15 Marks

9. Vancomycin resistant enterococci
10. Testing of disinfectants
11. Disinfection of endoscope
12. Prevention of salmonella
13. Name three organisms spread by direct contact
