

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Respiratory Care Technology Degree Examination – 29-May-2024

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 and classify disinfection. Describe the disinfection of instruments used in patient care
2. Enumerate the organisms transmitted through blood. Describe the morphology, laboratory diagnosis and prevention of HIV

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 Marks

3. Hand hygiene
4. Catheter related urinary tract infections
5. MRSA – detection and prevention
6. Principles and uses of autoclave
7. Hepatitis B vaccine
8. Describe the sampling techniques

SHORT ANSWER

5 x 3 = 15 Marks

9. Name three organisms known to cause health care associated infections
10. Name three specimen collected for the laboratory diagnosis of tuberculosis
11. Surface surveillance
12. Sterilisation control in hot air oven
13. Name three organisms spread by respiratory route
