

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 28-Oct-2025

Time: Three Hours

Max. Marks: 50 Marks

Applied Microbiology – (Sec B)
Q.P. CODE: 3400

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 3399 and 3400 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any one)

1 x 10 = 10 Marks

1. Describe in detail various sterilization techniques employed in operation theatres and ICU's.
2. Write briefly about the communicable diseases to health care workers in the hospital set up and the preventive measures.

SHORT ESSAYS (Answer any five)

5 x 5 = 25 Marks

3. Microbiological sampling.
4. Hepatitis B vaccine.
5. Microbial surveillance methods.
6. Methods employed for sterility testing.
7. Ethylene oxide.
8. Varicella – Zoster virus – mode of spread and preventive measures.

SHORT ANSWER (Answer any five)

5 x 3 = 15 Marks

9. Name any three germicidal chemicals.
10. Cytomegalovirus – mode of spread.
11. Haemophilus influenzae surveillance and sampling.
12. Name any three disease transmitted by exposure to infected blood and body fluids.
13. Hand disinfectants.
14. Direct surface Agar plating technique.
