

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 29-May-2024

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. Classify the various instruments used in the hospital and mention the appropriate methods of sterilization.
2. Enumerate the gaseous disinfectants. Describe briefly the gaseous disinfectants employed in operation theatre and in the ICU.

SHORT ESSAYS (Answer any five)

5 x 5 = 25 Marks

3. Laboratory diagnosis of HIV infection.
4. CSSD layout.
5. Hepatitis A virus morphology and mode of transmission.
6. Describe Hot Air Oven.
7. Mycobacterium tuberculosis - spread, diagnosis and treatment.
8. Laboratory diagnosis of Streptococcus pneumoniae.

SHORT ANSWER (Answer any five)

5 x 3 = 15 Marks

9. Standard precautions.
10. Varicella zoster.
11. Sterilization indicators.
12. Laboratory diagnosis of Enteric fever.
13. Use of Personal Protective Equipment (PPE).
14. Agents causing ventilator associated pneumonia.
