

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology

Degree Examination – 23-Nov-2023

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. Enumerate different health care associated infections. Add a note on ventilator associated pneumonia
2. Define sterilisation. Describe in detail about Central Sterile Supply Department (CSSD) and its functions

SHORT ESSAYS (Answer any five)

5 x 5 = 25 Marks

3. Serological markers of Hepatitis B Virus (HBV)
4. Laboratory diagnosis of Human Immunodeficiency Virus (HIV)
5. Methicillin Resistant Staphylococcus Aureus (MRSA) – detection and treatment
6. Haemophilus influenzae – morphology and laboratory diagnosis
7. Use of personal protective equipment
8. Infection control measures in ICU's

SHORT ANSWER (Answer any five)

5 x 3 = 15 Marks

9. Name three bacteria causing catheter associated UTI
10. Name three gram negative bacteria
11. Name three DNA viruses
12. Universal precautions to prevent Hepatitis A infections
13. Name three occupationally acquired infections in health care professionals by respiratory route
14. Prevention of transmission of tuberculosis in health care workers
