

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Allied Health Sciences Degree Examination – 21-Nov-2024

Time: Three Hours

Max. Marks: 50 Marks

Applied Microbiology – (Sec B) (RS-3)
(Anaesthesia Technology and Operation Technology)

Q.P. CODE: 3405

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 3404 and 3405 are to be answered within total duration of 3 hours)

LONG ESSAYS

1 x 10 = 10 Marks

1. Enumerate the viral infections transmitted through blood. Describe in detail morphology of HIV and laboratory diagnosis of HIV infection

SHORT ESSAYS (Question No. 4 choice)

5 x 5 = 25 Marks

2. Uses of autoclaving
 3. Staphylococcus aureus infections
 4. Prevention of hospital acquired infection
- OR**
- Pathogens causing hospital acquired infections
 5. Hepatitis B virus infection – modes of spread and its prevention
 6. Ventilator associated pneumonia

SHORT ANSWER (Question No.9 choice)

5 x 3 = 15 Marks

7. Gaseous sterilisation
 8. Name three clinically important species of mycobacterium
 9. Name three infections causes by Salmonella
- OR**
- Name three infections caused by Clostridium
 10. Pathogens causing UTI – any three
 11. Hand washing technique
