

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 04-Jun-2024

Time: Three Hours

Max. Marks: 50 Marks

Applied aspects of Microbiology (RS-3)

Q.P. CODE: 3403

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

(Note: Both QP Codes 3301 and 3403 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Enumerate the organisms causing UTI. Describe the laboratory diagnosis of urinary tract infections in dialysis patient and add a note on its prevention.
2. Enumerate the organism causing Hepatitis and describe HBV in detail.

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 Marks

3. Gram's staining – procedure and interpretation.
4. Infection control practices.
5. Autoclave.
6. Categories of disinfectants.
7. Opportunistic infections in HIV.
8. Testing for quality of water.

SHORT ANSWER (Answer any FIVE)

5 x 3 = 15 Marks

9. Name three fungal culture media.
10. Name three bacterial stains used in laboratory.
11. Name three antibiotic resistance bacteria.
12. Name three chemical disinfectants.
13. Name three gram negative bacteria.
14. Name three anerobic culture media.
