

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Renal Dialysis Technology Degree Examination – 26-Nov-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. Define opportunistic infections. Write a note on opportunistic infections in dialysis patients.
2. Write in detail about HIV infection. Add a note on its transmission and prevention.

SHORT ESSAYS (Answer any Five)

5 x 5 = 25 Marks

3. Cryptococcosis.
4. Subclavian vascular access infection.
5. Sample collection methods for UTI.
6. Lab diagnosis of HCV infection.
7. Antibiotic sensitivity testing.
8. Vaccination for HBV.

SHORT ANSWER (Answer any FIVE)

5 x 3 = 15 Marks

9. Name three Gram negative bacteria.
10. Significant bacteriuria.
11. Incineration.
12. ZN staining.
13. Name three RNA virus.
14. Post exposure prophylaxis of HIV.
