

QP CODE: 104023

Reg. No:

**First Year B.Sc Dialysis Technology Supplementary Examinations
November 2021**

Basics of Microbiology

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay

(20)

1. Describe in detail the opportunistic infections seen in haemodialysis patients

Short Notes

(10x8=80)

2. Use of culture media in the laboratory diagnosis of bacterial infections
3. Reprocessing of dialyzers
4. Catheter Associated Urinary Tract Infection (CAUTI)
5. Enumerate Intestinal nematodes. Describe morphology, lifecycle and Laboratory diagnosis of *Ascaris lumbricoides*
6. Describe about infections transmitted by blood transfusion
7. Standard work precautions
8. Lab diagnosis of enteric fever
9. Cytomegalovirus infections
10. Needle stick injury and post exposure prophylaxis
11. Biomedical waste management in dialysis unit
