

QP CODE: 104023

Reg. No:

**First Year B.Sc Dialysis Technology Regular/Supplementary
Examinations March 2022**

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. What are healthcare associated infections. Discuss about various infection control measures in a dialysis unit.

Short Notes

(10x8=80)

2. Types of vaccines with examples and discuss the National immunisation schedule.
3. Opportunistic Infections in renal transplant recipients
4. Enumerate bacteria causing urinary tract infection. Describe the collection, transport and processing of urine sample
5. Morphology, lifecycle and laboratory diagnosis of entamoeba histolytica
6. Transmission, laboratory diagnosis and prevention of Hepatitis B infection
7. Define disinfection. Describe in detail about different classes of disinfectants and their uses
8. Enumerate bacteria causing anaerobic infections. Explain about different Anaerobic culture methods
9. ELISA test
10. Lab diagnosis of pulmonary tuberculosis
11. Blood culture for bacterial study
