

QP CODE: 104023

Reg. No:

**First Year B.Sc Dialysis Technology Supplementary Examinations
September 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. Enumerate viruses causing hepatitis. Describe the mode of transmission, lab diagnosis and prophylaxis of hepatitis B.

Short Notes

(10x8=80)

2. Tetanus prophylaxis.
3. Lab diagnosis of pulmonary tuberculosis.
4. Enumerate causative agents of enteric fever. Discuss in detail the laboratory diagnosis.
5. Rabies prophylaxis.
6. Enumerate four bacteria causing urinary tract infection. Explain sample collection, laboratory diagnosis of this condition.
7. What is the causative agent of Syphilis. Discuss the lab diagnosis of this condition.
8. Discuss the morphology, life cycle and lab diagnosis of roundworm.
9. What are standard precautions practiced in the hospital. Detail on hand hygiene.
10. Define PPE- Describe the different PPE used in health care setting.
11. Describe the morphology and laboratory diagnosis of Dermatophytic infections.
