

QP CODE: 103023

Reg. No:

**First Year B.Sc Dialysis Technology Degree Regular/Supplementary
Examinations November 2025**

Basics of Biochemistry

(2020 and 2024 Scheme)

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 buffers. Explain the different mechanisms of maintaining blood pH

Short Notes

(10x8=80)

2. Total Parenteral Nutrition
3. Applications of Electrophoresis
4. Hypokalemia
5. Urine Preservatives
6. Importance of Nitrogen balance
7. Liver function tests
8. Explain the role of various hormones in maintaining body water balance
9. Immunoglobulins
10. Anticoagulants
11. CSF analysis
