

QP CODE: 103023

Reg. No: .....

**First Year B.Sc Dialysis Technology Regular/Supplementary  
Examination February 2023**

**Basics of Biochemistry**

**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. Give a detailed account of Biochemical tests to assess liver function

**Short Notes**

**(10x8=80)**

2. Functions of Plasma Proteins.
3. Henderson Hasselback equation and its application
4. Dietary fibre
5. Anticoagulants
6. Pre analytical variables in biochemical analysis
7. Renal regulation of pH
8. Primary and secondary standards in clinical laboratory.
9. Total Parenteral nutrition.
10. Biochemical functions and deficiency manifestations of Vitamin A
11. Hyponatremia

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