

QP CODE: 103023

Reg. No:

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

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. Compare the composition of Electrolytes in the extracellular and intracellular fluids. Discuss the renal regulation of the Blood pH

Short Notes

(10x8=80)

2. Structure of immunoglobulins
3. Essential fatty acids
4. Total parenteral nutrition
5. Serum enzymes elevated in liver diseases
6. Hypokalemia
7. Blood gas analysis
8. Body buffers
9. Nutritional importance of fat soluble vitamins
10. Abnormal Urine.
11. Respiratory acidosis
