

First Year B.Sc Dialysis Technology Regular Examination June 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. Discuss the role of body buffers, respiratory system and kidney in the regulation of acid base balance

Short Notes**(10x8=80)**

2. Glomerular function tests
3. Ion selective electrodes
4. Liver function tests
5. Urine preservatives
6. Proteinuria
7. Hypokalemia
8. Biochemical functions and deficiency manifestations of Vitamin D
9. Functions of plasma protein
10. Cleaning of glasswares
11. Nutritional importance of lipids
