

QP CODE: 102023

Reg. No:

**First Year B.Sc Dialysis Technology Regular/Supplementary
Examination March 2022**

Basics of Physiology

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. Explain the mechanism of blood clotting. Add a note on clotting disorders.

Short Notes

(10x8=80)

2. Regulation of respiration.
3. Pyramidal tract.
4. Counter current mechanism of urine formation.
5. Mechanism of skeletal muscle contraction.
6. Functions of adreno cortical hormones.
7. Taste buds.
8. Explain innervation of bladder and micturition.
9. Define blood pressure. Write the normal values and their variations.
10. Glomerular filtration rate.
11. Bile.
