

QP CODE: 102023

Reg. No:

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

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. Define cardiac cycle. Explain in detail the phases and events of cardiac cycle. Add a note on intra ventricular pressure changes.

Short Notes

(10x8=80)

2. Erythropoiesis.
3. Deglutition.
4. Lung volumes and capacities.
5. Physiological actions and regulation of thyroid hormone.
6. Synapse.
7. Juxta glomerular apparatus.
8. Ovulation.
9. Mechanism of normal respiration.
10. Structure and classification of neuron.
11. Functions of large intestine.
