

QP CODE: 102023

Reg. No:

**First Year B.Sc Dialysis Technology Supplementary Examination
September 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 process of erythropoiesis. What is the role of erythropoietin. Write a note on anemia.

Short Notes

(10x8=80)

2. Composition and regulation of electrolytes in plasma.
3. Explain the biosynthesis of thyroid hormones
4. Synapse
5. Describe the process of acid secretion in stomach
6. Neural Regulation of respiration.
7. Describe the events in cardiac cycle
8. Composition and functions of lymph.
9. Types of Jaundice.
10. Spermatogenesis
11. Excitation contraction coupling of skeletal muscles.
