

QP CODE: 102023

Reg. No:

**First Year B.Sc Dialysis Technology Supplementary Examinations
June 2024**

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 actions of Insulin. How Insulin secretion is regulated. Add a note on Diabetes Mellitus. (10+6+4)

Short Notes

(10x8=80)

2. Functions of cerebellum.
3. Glucose reabsorption by kidney.
4. Transport of oxygen.
5. Functions of white blood corpuscles (WBC).
6. Excitation contraction coupling in skeletal muscle.
7. Deglutition.
8. Chemical regulation of respiration.
9. Artificial kidney.
10. Intrinsic mechanism of coagulation.
11. Properties of cardiac muscles.
