

**QP CODE: 102023**

**Reg. No: .....**

**First Year B.Sc Dialysis Technology Supplementary Examination  
November 2021**

**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 role of renin angiotensin aldosterone mechanism in maintaining homeostasis.

**Short Notes**

**(10x8=80)**

2. Plasma clearance. Write a note on glomerular filtration rate.
3. Role of hypothalamus.
4. What are the abnormal patterns of respiration. Explain the regulation of respiration
5. Deglutition
6. Cardiac cycle
7. Explain the functions of glucocorticoids
8. Complications of blood transfusion
9. Structure of eye and functions of different parts.
10. Testosterone
11. Crossmatching

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