

**QP CODE: 102023**

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

**First Year B.Sc Dialysis Technology Regular/Supplementary  
Examination February 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 synthesis, functions and regulation of secretion of thyroid hormone. Add a note on hypothyroidism. (16+4)

**Short Notes**

**(10x8=80)**

2. Factors affecting glomerular filtration rate.
3. Cerebrospinal fluid.
4. Respiratory membrane.
5. Classification of anaemia.
6. Mechanism of skeletal muscle contraction.
7. Functions of saliva.
8. Hypoxia.
9. Diuretics.
10. Areas of auscultation.
11. Functions of testosterone.

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