

Q.P. CODE: 112016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations February 2023**

**Physiology
(2016 Scheme)**

Time: 3 Hrs

Max. Marks:80

- *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*

Essays:

(2x10=20)

1. Define GFR. Write its normal value. Add a note on factors affecting GFR.
2. Define erythropoeisis. Mention its different stages. Describe the factors affecting erythropoeisis.

Short notes:

(6x5=30)

3. Functions of testosterone.
4. Regulation of thyroid hormone secretion.
5. Oxygen dissociation curve for haemoglobin.
6. Properties of cardiac muscle.
7. Deglutition reflex.
8. Functions of cerebellum.

Answer briefly:

(10x3=30)

9. Mechanism of hearing.
10. Cyanosis.
11. Plasma proteins.
12. Reflex arc.
13. Hering Breuer reflex.
14. Transfusion reactions.
15. Erythrocyte Sedimentation Rate.
16. Functions of stomach.
17. Actions of ADH on kidney.
18. Rigor mortis.
