

Q.P. CODE: 112016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations February 2025**

**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 hemostasis. Explain the mechanism of hemostasis. Add a note on Haemophilia.
2. Explain the regulation of secretion and actions of Insulin.

Short notes:

(6x5=30)

3. Normal electrocardiogram.
4. Functions of bile.
5. Heart sounds.
6. Composition and functions of lymph.
7. Chemical regulation of respiration.
8. Neuromuscular junction.

Answer briefly:

(10x3=30)

9. Hypoxia.
10. Osmotic Diuretics.
11. Functions of skin.
12. Artificial kidney.
13. Properties of synapse.
14. Functions of adrenal cortical hormones.
15. Movements of small intestine.
16. Dysbarism
17. Pregnancy tests.
18. Anticoagulants.
