

Q.P. CODE: 112016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations February 2024**

**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. Explain the stages of erythropoiesis. What are the factors affecting it
2. Write down the actions of posterior pituitary hormones. Explain neuro endocrine reflex with one example

Short notes:

(6x5=30)

3. Concentration of urine
4. Functions of Basal Ganglia.
5. Digestion and absorption of fat
6. Blood pressure
7. Normal lung volumes and capacities
8. Cerebrospinal fluid

Answer briefly:

(10x3=30)

9. Second stage of deglutition
10. Conducting system of heart
11. Hering Breuer reflex
12. Physiology of smell
13. Rigor mortis
14. Functions of sertoli cells
15. Juxtaglomerular apparatus
16. Diabetes mellitus.
17. Pregnancy tests
18. Surfactant
