

Q.P. CODE: 112016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations February 2022**

**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. Discuss the properties of synapse. Add a note on reflex action.
2. Define GFR. Add a note on factors affecting GFR

Short notes:

(6x5=30)

3. Stages of erythropoiesis.
4. Normal electrocardiogram.
5. Composition and regulation of gastric juice secretion.
6. Transport of oxygen.
7. Posterior pituitary hormones.
8. Taste buds

Answer briefly:

(10x3=30)

9. Neuroglia
10. Juxta glomerular apparatus
11. Pregnancy tests
12. Neuromuscular junction
13. Composition and functions of lymph
14. Triple response
15. Second stage of deglutition.
16. Surfactant.
17. Regulation of thyroid hormone secretion.
18. Ovulation
