

Q.P. CODE: 112016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations July 2021**

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 arterial blood pressure. Write down the normal values. Describe how will you measure blood pressure clinically.
2. What are the forms in which oxygen is transported in our body. Describe the mechanism of transport and the importance of oxygenation of Hb.

Short notes:

(6x5=30)

3. Anticoagulants
4. Name the hormones of adrenal cortex. Explain the action of any one hormone.
5. Jugular venous pressure
6. Plasma proteins and their functions
7. Neuromuscular junction in skeletal muscle
8. Functions of hypothalamus

Answer briefly:

(10x3=30)

9. Taste Buds
10. Cystourethrogram
11. Functions of gall bladder
12. Cyanosis
13. Ovulation
14. Hormones of adrenal medulla
15. Erythrocyte sedimentation rate
16. Vital capacity
17. Deglutition
18. Functions of lymph
