

Q.P. CODE: 112016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations August 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 regulation of respiration. Add a note on hypoxia
2. Write down the physiological actions of Growth hormone. How is the secretion of this hormone regulated. Write briefly about the abnormalities in secretion of growth hormone

Short notes:

(6x5=30)

3. Excitation –contraction coupling in skeletal muscle
4. Glomerular filtration rate
5. Corticospinal tract
6. Regulation of heart rate
7. Movements of small intestine
8. Intrinsic pathway of coagulation

Answer briefly:

(10x3=30)

9. Anatomy and functions of different layers of eye ball
10. Spermatogenesis
11. Heart sounds
12. Plasma proteins
13. Packed cell volume
14. Fever
15. Functions of cerebellum
16. Tubular maximum for glucose
17. Functions of bile
18. Lactational amenorrhoea
