

Q.P. CODE: 112016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations January 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. Write down the composition of cerebro spinal fluid. How is it formed and what are its functions. Add a note on lumbar puncture.
2. Name the hormones secreted from endocrine pancreas. Write down the physiological actions and regulation of a hypoglycemic hormone.

Short notes:

(6x5=30)

3. Rh incompatibility
4. Normal electrocardiogram
5. Artificial respiration
6. Functions of liver
7. Juxta glomerular apparatus
8. Regulation of gastric juice secretion

Answer briefly:

(10x3=30)

9. Calcitonin
10. Olfactory receptors
11. Abnormal constituents of urine
12. Pregnancy test
13. Rigor mortis
14. Osmotic diuresis
15. Hypoxic hypoxia
16. Properties of cardiac muscle
17. Surfactant
18. Neuroglia
