

Q.P. CODE: 112016

Reg. No:

**First Year B.Sc Perfusion Technology Degree Supplementary
Examinations March 2020**

**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 anemia. Discuss the morphological and etiological classification of anemia.
2. Define cardiac output. Describe the left ventricular pressure curves.

Short notes:

(6x5=30)

3. Erythrocyte sedimentation rate.
4. Heart sounds.
5. Deglutition.
6. Neural regulation of respiration.
7. Physiological functions of thyroid hormones.
8. Excitation contraction coupling in skeletal muscles.

Answer briefly:

(10x3=30)

9. Mechanism of hearing.
10. Respiratory membrane.
11. Sensory cortex.
12. Renal threshold.
13. Stages of spermatogenesis.
14. Rigor Mortis.
15. Osmotic diuretics.
16. Functions of cerebellum.
17. Functions of saliva.
18. Cyanosis.
