

Q.P. CODE: 102016

Reg. No:

First Year B.Sc Perfusion Technology Degree Examinations, August 2016

Physiology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Mention the normal blood volume and describe how it is regulated. Add a note on determination of blood volume.
2. Define glomerular filtration rate and mention its normal value. Explain the factors affecting GFR.

Short notes:

(6×5=30)

3. Jugular venous pulse
4. Chemical regulation of respiration
5. Diabetes insipidus
6. Functions of basal ganglia
7. Deglutition
8. Anticoagulants

Answer briefly:

(10×3=30)

9. Cyanosis
10. Olfactory receptors
11. Parathormone
12. Babinski's sign
13. Pregnancy test
14. Movements of small intestine
15. Lumbar puncture
16. Spermatogenesis
17. Surfactant
18. Functions of CSF
