

Q.P. CODE: 102016

Reg. No:

First Year B.Sc Perfusion Technology Degree Examinations, November 2013

Physiology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Describe properties of cardiac muscle. Write a note on normal heart sounds. Describe the different phases of cardiac cycle
(3+2+5=10)
2. Describe stages of erythropoiesis with suitable diagrams. Explain the factors regulating erythropoiesis and add a note on iron deficiency anemia
(5+3+2=10)

Short notes:

(6×5=30)

3. Intrinsic mechanism of coagulation
4. Physiological changes during pregnancy
5. Action potential in nerve
6. Menstrual cycle
7. Refractive errors
8. Rh incompatibility

Answer briefly:

(10×3=30)

9. Normal ECG
10. Cretinism
11. Lactation
12. Synapse
13. Anticoagulants
14. Jaundice
15. Hemoglobin
16. Glomerular filtration
17. Anti diuretic hormone
18. ESR
