

Q.P. CODE: 102016

Reg. No:

First Year B.Sc Perfusion Technology Degree Examinations, August 2014

Physiology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Explain the functions of thyroxine and describe its synthesis. Add a note on the features of hypothyroidism in adults. (4+2+4=10)
2. Define blood pressure and mention its normal value. Explain the factors regulating blood pressure and add a note on hypertension. (1+1+5+3=10)

Short notes:

(6×5=30)

3. Juxtaglomerular apparatus
4. Ossicles of the middle ear
5. Menstrual cycle
6. Oxygen transport
7. Functions of oestrogen
8. Functions and composition of CSF

Answer briefly:

(10×3=30)

9. Sarcomere
10. Neuroglia
11. Lymphocytes
12. Tidal volume
13. Cyanosis
14. Color index
15. Cross matching
16. Surfactant
17. Platelets
18. Normal body temperature
