

QP CODE:102018

Reg.No:

First Year B.Sc (MRT) Degree Examinations - July 2015

Physiology

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. What are the steps of leucopoiesis. What is 'leucopenia' and add a note on its clinical importance
2. What is the normal arterial blood pressure in a 20 years old man. How blood pressure is regulated

Short notes:

(8x5=40)

3. Transport of oxygen in blood
4. Digestion of proteins
5. Mechanism of pulmonary ventilation
6. Hormones of anterior pituitary gland
7. Hormones which bring about ovulation
8. Actions of glucocorticoids
9. Steps in the formation of urine
10. Isovolumetric contraction

Answer briefly:

(10x2=20)

11. Functions of lymph
12. First heart sound
13. Thrombocytopenia
14. Tests of pregnancy
15. Pain pathway
16. Secretions of exocrine pancreas
17. What are the 'special senses'
18. Cyanosis
19. Extrinsic pathway of coagulation
20. Factors affecting diffusion in lungs
