

First Year B.Sc (MRT) Degree Supplementary Examinations –

November 2015

Physiology

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. Compare systemic and pulmonary circulations
2. Explain the intrinsic pathway of coagulation

Short notes:

(8x5=40)

3. Glomerular filtration rate
4. Functions of parathyroid hormone
5. Formation of lymph
6. Stages of deglutition
7. Functions of oxytocin
8. Factors affecting arterial blood pressure
9. Functions of bone marrow
10. Iron deficiency anemia

Answer briefly:

(10x2=20)

11. What is a synapse
12. Two functions of cerebellum
13. First heart sound
14. Barr body
15. Leukocytosis
16. Pubertal changes in the female
17. Composition of gastric juice
18. Two functions of aldosterone
19. Diabetes mellitus
20. Dialysis