

First Year B.Sc (MRT) Degree Examinations – March 2016

Physiology

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. Describe the stages of red blood cell formation
2. Name the 12 cranial nerves. Describe the functions of any two of them in detail

Short notes:

(8x5=40)

3. Functions of insulin
4. Digestion of fats
5. Draw and label cross section of the eye
6. Types of hypoxia
7. Leucopenia and its clinical significance
8. Menstrual cycle
9. Non-respiratory functions of lungs
10. Composition of semen

Answer briefly:

(10x2=20)

11. Functions of thrombocytes
12. Functions of mineralocorticoids
13. Ovulation
14. Anti diuretic hormone
15. Normal pulmonary blood pressure
16. Functions of progesterone
17. Cretinism
18. Cryptorchidism
19. Functions of kidney
20. Primary taste sensations
