

QP CODE: 102018

Reg.No:

First Year B.Sc (MRT) Degree Supplementary Examinations March 2018

Physiology

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. Describe the physiology of blood coagulation. Name the coagulation factors.
2. Define menarchy. Describe the different phases of menstrual cycle correlating with the hormonal changes in each phase.

Short notes:

(8x5=40)

3. Diabetes mellitus
4. Anaphylactic shock
5. Formation and functions of CSF
6. Composition and functions of pancreatic juice
7. Hypothyroidism
8. Draw and label the structure of a typical nephron
9. Respiratory membrane and the factors influencing diffusion of gases in lungs
10. Cardiac cycle

Answer briefly:

(10x2=20)

11. Anemia
12. Functions of antidiuretic hormone
13. Stages of spermatogenesis
14. Functions of bile
15. Blood pressure
16. Functions of middle ear
17. Formation of lymph
18. Neutrophil
19. Cushing's syndrome
20. Functions of cerebellum
