

QP CODE: 102018

Reg.No:

First Year B.Sc (MRT) Degree Examinations February 2017

Physiology

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. What is the composition of blood. Name the plasma proteins and mention briefly about its functions
2. Describe the structure and function of a typical neuron. Briefly mention about the different types of synapses

Short notes:

(8x5=40)

3. Tetany
4. Goiter
5. Draw and label - taste pathway
6. Surfactant
7. Physiology of formation of ovum
8. Jugular venous pulse
9. Polycythemia
10. Gastric juice

Answer briefly:

(10x2=20)

11. Actions of oestrogen
12. Functions of respiratory system
13. Normal sperm count and its significance
14. Functions of thalamus
15. Digestion of proteins
16. Erythropoiesis
17. Factors determining blood pressure
18. Normal cardiac output and the significance of end diastolic volume on cardiac output
19. Pancytopenia
20. Functions of testis
