

QP CODE: 102018

Reg.No:

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

Physiology

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. Define blood pressure and mention their normal values. How blood pressure is regulated. Add a note on hypertension.
2. What is normal blood calcium level. Name the hormones and organs/tissues involved in its regulation. Describe the features of hypocalcaemia.

Short notes:

(8x5=40)

3. Non respiratory functions of the lungs
4. Intra pleural pressure changes during various phases of respiration
5. Composition of pancreatic juice and its function
6. Indicators of ovulation
7. Functions of thrombocytes
8. Cortico-spinal tract
9. Functions of cerebrospinal fluid
10. Taste buds and their function

Answer briefly:

(10x2=20)

11. Negative feedback mechanism
12. Name four anticoagulants
13. Functions of lymph
14. Acromegaly
15. Functions of surfactant
16. Obstructive jaundice
17. Composition of semen
18. Causes of first and second heart sounds
19. Important features of Parkinson's disease
20. Glaucoma
