

First Year BPT Degree Supplementary Examinations , April 2015

(2010 scheme)

PHYSIOLOGY

Time : 3 hrs

Max marks : 100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays:

(2x10=20)

1. Define blood pressure and mention its normal value. Describe the different mechanisms of short term regulation of B.P.
2. Draw a neat labelled diagram of neuromuscular junction. Explain the steps of neuromuscular transmission.

Short notes:

(10x5=50)

3. Accommodation
4. Functions of bile
5. Functions of plasma proteins
6. Anticoagulants
7. Chloride shift
8. Spermatogenesis
9. Functions of basal ganglia
10. Pain pathway
11. Functions of hypothalamus
12. Conducting system of the heart

Answer briefly:

(10x3=30)

13. Jaundice
14. Hypermetropia
15. The Heart Sounds
16. Haemophilia
17. Hypoxia
18. Receptors
19. Functions of gall bladder
20. Hyperthyroidism
21. Glomerular Filtration.
22. Functions of saliva
