



First Year BPT Degree Supplementary Examinations - May 2012

PHYSIOLOGY

Time: 3 hrs

Max marks : 100

- Answer all questions
- Draw diagrams wherever necessary

Essays: (2x10=20)

1. Define shock. How it is classified. Write about their causes and features.
2. Name the ascending tracts of spinal cord. Explain their origin, course, termination and functions of the spinothalamic tract

Short notes: (10x5=50)

3. Plasma proteins
4. Neuromuscular junction
5. Artificial respiration
6. Succus entericus
7. Juxtaglomerular apparatus
8. Disorders of thyroid gland
9. Refractive errors
10. Hormones of placenta
11. Effects of exercise on cardiovascular system
12. EEG (Electroencephalogram) and types of sleep

Answer briefly: (10x3=30)

13. Distribution of body fluids
14. Types of leucocytes
15. Vestibular apparatus
16. Parkinson's disease
17. Different stages of deglutition (swallowing)
18. Inulin clearance
19. Electrocardiogram (ECG)
20. Types of smooth muscle
21. Cross matching
22. Periodic breathing
