

First Year BPT Degree Supplementary Examinations - March 2013

PHYSIOLOGY

Time: 3 hrs

Max marks:100

- Answer all questions
- Draw diagrams wherever necessary

Essays: (2x10=20)

1. Name the blood group systems. Explain the basis for its classification. Add a note on its clinical importance.
2. Classify hypoxia and describe them with suitable examples.

Short notes: (10x5=50)

3. Nephron
4. Reflex arc
5. Insulin
6. Testosterone
7. Middle ear
8. Acid base balance
9. Visual pathway
10. Oxygen Transport
11. Properties of skeletal muscle
12. Juxta glomerular apparatus

Answer briefly: (10x3=30)

13. Sarcomere
14. Spermatogenesis
15. Artificial respiration
16. Bile pigments
17. Ovulation
18. Tetany
19. Vital capacity
20. Leads of ECG
21. Refractive errors
22. Functions of cerebellum

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