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Q.P. CODE: 102010 **Reg. No: .....**

First Year B.Sc Nursing Degree Supplementary Examinations, July 2014

Physiology

Time: 3 Hrs **Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

Essays: **(2×10=20)**

1. Discuss the blood groups in detail. Add a note on blood transfusion reactions. (5+5=10)

2. Define glomerular filtration rate and mention its normal value. Explain the factors regulating glomerular filtration rate. (1+1+8=10)

Short notes: **(7x5=35)**

3. Cerebrospinal fluid
4. Transport of carbon dioxide
5. Pregnancy test
6. Synapse
7. Hormones secreted by the anterior pituitary gland
8. Functions of bile
9. Neuromuscular Transmission

Answer briefly: **(10x2=20)**

10. Visual receptors
11. Jaundice
12. Functions of cell membrane
13. Referred pain
14. Functions of Cerebellum
15. Testosterone
16. Vital capacity
17. Anemia
18. Hypoxia
19. Leukemia

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