

**Q.P. CODE: 102010**

**Reg. No: .....**

**First Year B.Sc Nursing Degree Examinations, October 2014**

**Physiology**

**Time: 3 Hrs**

**Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

**Essays: (2×10=20)**

1. Define glomerular filtration rate. Discuss the factors affecting GFR. Mention the normal value. (2+7+1=10)

2. Define and Classify Hypoxia. Discuss Oxygen transport in Detail (1+2+7=10)

**Short notes: (7×5=35)**

3. Properties of synapse
4. Blood groups
5. Respiratory volumes
6. Menstrual cycle
7. Functions of gastric juice
8. Blood pressure
9. Anti diuretic hormone

**Answer briefly: (10×2=20)**

10. Functions of middle ear
11. Functions of skin
12. Surfactant
13. Functions of ovary
14. Electrocardiogram
15. Thyroid hormones
16. Reflex arc
17. Referred pain
18. Neutrophil
19. Bile

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