

## 2010 Scheme

**Q.P. CODE: 102010**

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

**First Year B.Sc Nursing Degree Supplementary Examinations May 2023**

### **Physiology**

**Time: 3 Hrs**

**Max. Marks: 75**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

**Essays:**

**(2x10=20)**

1. Describe the neuromuscular junction with the help of a diagram. Explain how an impulse is transmitted across it. (6+4)
2. Mention the enzymes involved in protein digestion. Explain the various steps in digestion and absorption of proteins in the gastrointestinal tract. (3+7)

**Short notes:**

**(7x5=35)**

3. Factors affecting blood pressure
4. Functions of parathyroid gland
5. Draw and label visual pathway
6. Pregnancy tests
7. What are the lung volumes. Explain any one in detail.
8. Glomerular filtration rate
9. Properties of synapse

**Answer briefly:**

**(10x2=20)**

10. Astigmatism
11. Ovulation
12. Histotoxic hypoxia
13. Definition of pulse
14. Artificial respiration
15. Composition of gastric juice
16. Name two types of periodic breathing
17. Functions of Sertoli cells
18. Dialysis
19. Functions of platelets

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