

# **2010 Scheme**

**Q.P. CODE: 102010**

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

## **First Year B.Sc Nursing Degree Supplementary Examinations February 2025 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. Explain the mechanism of gastric HCl secretion with the help of a diagram. Add a note on peptic ulcer. (7+3)
2. Describe the physiological actions of insulin. Add a note on diabetes mellitus. (6+4)

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

3. Endometrial changes during menstrual cycle
4. Functions of hypothalamus
5. Reabsorption of glucose by kidneys
6. Errors of refraction
7. Conducting system of heart
8. Functions of saliva
9. Carbon dioxide transport

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

10. Functions of neutrophils
11. Peristalsis
12. Functions of pineal gland
13. Define Blood pressure. Write its normal value
14. Composition of normal urine
15. Deafness
16. Properties of skeletal muscle
17. Actions of Anti diuretic hormone
18. Functions of cerebellum
19. List the static lung volumes and capacities

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