

# **2010 Scheme**

**Q.P. CODE: 102010**

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

## **First Year B.Sc Nursing Degree Supplementary Examinations October 2024 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 stages of erythropoiesis with the help of a diagram. Add a note on the factors affecting erythropoiesis. (7+3)
2. Describe the factors affecting GFR. Add a note on dialysis. (6+ 4)

### **Short notes:**

**(7x5=35)**

3. Physiological actions of thyroid hormone
4. Composition and functions of pancreatic juice
5. Blood transfusion reactions
6. Hypoxia
7. Contraception in females
8. Functions of kidneys
9. Pyramidal pathway

### **Answer briefly:**

**(10x2=20)**

10. Facilitated diffusion
11. Draw and label taste pathway
12. Functions of large intestine
13. Referred pain
14. Define tidal volume. Write its normal value.
15. Homeostasis
16. Functions of testosterone
17. List two differences between REM and NREM sleep
18. Functions of thalamus
19. List the properties of synapse

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