2010 Scheme

Q.P. CODE: 102010 Reg. No:

First Year B.Sc Nursing Degree Supplementary Examinations January 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 physiological actions of thyroid hormones. Add a note on cretinism (6+4) **Short notes:** (7x5=35)
- 3. Mechanism of HCl secretion
- 4. Factors affecting GFR
- 5. Carbon dioxide transport
- 6. Regulation of stroke volume
- 7. Errors of refraction
- 8. Contraception in females
- 9. Hypoxia

Answer briefly: (10x2=20)

- 10. Functions of basal ganglia
- 11. Properties of skeletal muscle
- 12. Facilitated diffusion
- 13. Functions of pineal gland
- 14. Peristalsis
- 15. Define blood pressure. Write its normal value
- 16. Jaundice
- 17. Placental hormones
- 18. Reflex arc
- 19. List the functions of pancreatic juice
