

2010 Scheme

Q.P. CODE: 102010

Reg. No:

**First Year B.Sc Nursing Degree Supplementary Examinations
October 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. Define Glomerular Filtration Rate (GFR). Explain the factors affecting glomerular filtration rate. (2+8)
2. Describe in detail about the different phases of menstrual cycle. Add a note on amenorrhoea. (8+2)

Short notes:

(7x5=35)

3. Factors regulating blood pressure.
4. Active transport across cell membrane.
5. Functions of hypothalamus.
6. Referred pain.
7. Oxygen – hemoglobin dissociation curve.
8. Actions of thyroid hormone.
9. Refractive errors.

Answer briefly:

(10x2=20)

10. Leukemia.
11. Functions of cerebrospinal (CSF).
12. Basophil.
13. Movements of small intestine.
14. Types of deafness.
15. Artificial respiration.
16. Neuroglia.
17. Two functions of saliva.
18. Conducting system of heart.
19. Major blood groups.
