

First Year B.Sc Nursing Degree Supplementary Examinations May 2023

Physiology
(2016 Scheme)

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

Essay: (12)

1. Explain in detail synthesis, secretion and functions of thyroid hormone. Add a note on cretinism. (3+2+5+2)

Short essays: (2x7=14)

2. Define blood pressure. Explain in detail the factors affecting blood pressure. (1+6)
3. What is menstrual cycle. Explain the ovarian changes taking place during menstrual cycle. (2+5)

Short notes: (5x5=25)

4. Functions of cerebellum.
5. Oxygen dissociation curve
6. Juxta Glomerular Apparatus
7. Refractory period
8. Functions of skin

Answer briefly: (3x4=12)

9. Cell mediated immunity
10. Organ of corti
11. Functions of Hypothalamus

Differentiate between: (3x4=12)

12. Thyroid dwarf and Pituitary dwarf
13. Rapid Eye Movement and Non Rapid Eye Movement sleep
14. Arterial and Venous pulse
