

**Q.P. CODE: 102010****Reg. No:****First Year B.Sc Nursing Degree Supplementary Examinations, July 2015****Physiology****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

Essays:**(2×10=20)**

1. Mention the normal duration of menstrual cycle. Describe the phases of menstrual cycle.
Discuss the importance of ovulation time. (1+4+5=10)
2. Mention modes of oxygen transport. Draw a labeled diagram of oxygen dissociation curve. (5+5=10)

Short notes:**(7×5=35)**

3. Mitochondria
4. Types of neuroglia
5. Formation of urine
6. Functions of the large Intestine
7. Functions of cerebellum
8. Short term regulation of blood pressure
9. Functions of platelets

Answer briefly:**(10×2=20)**

10. Clotting time
11. Neutrophil
12. Mention four functions of cerebrospinal fluid
13. Anosmia
14. Mention four errors of refraction
15. Functions of saliva
16. Name four muscle proteins
17. List two components of counter current mechanism
18. Two ascending tracts and the sensations carried by them
19. Deglutition

