

**Q.P. CODE: 102010****Reg. No:****First Year B.Sc Nursing Degree Supplementary Examinations, May 2013****Physiology****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

Essays:**(2×10=20)**

1. Define cardiac cycle and mention its duration. Discuss the different phases in cardiac cycle and add a note on heart sounds. (2+6+2=10)
2. What is menstrual cycle. Describe the different stages of menstrual cycle. Explain the role of hormones involved in it. (1+6+3=10)

Short notes:**(7×5=35)**

3. Refractive errors
4. Jaundice
5. Hypoxia
6. Functions of Kidney
7. Hormones of posterior pituitary
8. Composition and functions of pancreatic juice
9. Classify Anemia with examples

Answer briefly:**(10×2=20)**

10. Diffusion
11. Functions of Saliva
12. Circulatory shock
13. Define residual volume and vital capacity
14. Muscle proteins
15. Functions of hypothalamus
16. Cross matching
17. Oral pill
18. Define hemiplegia
19. Peristalsis
