

**Q.P. CODE: 102010****Reg. No:****First Year B.Sc Nursing Degree Supplementary Examinations June 2017****Physiology****Time: 3 Hrs****Max. Marks: 75**

- Answer all questions
- Draw diagram wherever necessary

Essays:**(2x10=20)**

1. Enumerate the coagulation factors. Explain the intrinsic pathway of coagulation. Add a note on hemophilia. (2+6+2)
2. Mention the hormones secreted by the anterior pituitary gland. Explain the actions of growth hormone. Mention one deficiency disease of this hormone. (3+5+2)

Short notes:**(7x5=35)**

3. Spermatogenesis
4. Second heart sound
5. Functions of lungs
6. Enumerate the ovarian hormones. Describe any one in detail.
7. Movements of small intestine
8. Loop of Henle.
9. Functions of hypothalamus

Answer briefly:**(10x2=20)**

10. Juxtaglomerular apparatus
11. Mention any two tests for anemia
12. Functions of thalamus
13. Hypermetropia
14. Peristalsis
15. Define arterial blood pressure.
16. CO₂ transport
17. Cell mediated immunity
18. Cyanosis
19. Primary taste sensations.
