

I Year B.Sc. Nursing (PC) Degree Examination –  
April 2014

**Time: 3 Hours**

**Max. Marks: 40 Marks**

**Physiology**

**Q.P. Code : 1706**

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary

**(Note : Both QP Codes 1705 and 1706 are to be answered within total duration of 3 hours)**

**LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Name the hormones of anterior pituitary. Describe the growth hormone in detail
2. Define arterial blood pressure. What are the factors determining blood pressure. How is it regulated

**SHORT ESSAYS (Answer any Four)**

**4 x 5 = 20 Marks**

3. What is the composition and functions of gastric juice
4. Explain the extrinsic mechanism of blood coagulation
5. Trace the pathway for pain
6. Describe the mechanism of oxygen transport in blood
7. What are the complications of mismatched blood transfusion

**SHORT ANSWERS**

**5 x 2 = 10 Marks**

8. Mention four functions of skin
9. What is presbyopia
10. Draw a neat diagram of Nephron & label its parts
11. List two functions of progesterone
12. What are the symptoms of diabetes mellitus

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