

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

**Time: Three Hours****Max. Marks: 80 Marks****ANATOMY & PHYSIOLOGY****Q.P. CODE: 1705 & 1706**

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

**Use separate answer books for section A and section B****Q.P. Code: 1705 – Section A – ANATOMY (40 Marks)****LONG ESSAYS (Answer any One)****1 x 10 = 10 Marks**

1. Name the parts of digestive system. Describe the tongue in detail
2. Classify tissues. Describe different types of epithelial tissues

**SHORT ESSAYS (Answer any Four)****4 x 5 = 20 Marks**

3. Thymus
4. Larynx
5. Thyroid gland
6. Endometrium of uterus
7. Gluteus maximus muscle

**SHORT ANSWERS****5 x 2 = 10 Marks**

8. Long saphenous vein
9. White fibro cartilage
10. Lysosomes
11. Name the parts of a vertebra
12. Name the different parts of ear

**Q.P. Code: 1706 – Section B – PHYSIOLOGY (40 Marks)****Use separate answer book****LONG ESSAYS (Answer any One)****1 x 10 = 10 Marks**

1. Define cardiac cycle. Describe mechanical events during cardiac cycle
2. Describe steps involved in urine formation

**SHORT ESSAYS (Answer any Four)****4 x 5 = 20 Marks**

3. Explain intrinsic mechanism of coagulation. Add a note on haemophilia
4. Describe the mechanism of inspiration and expiration during quiet breathing
5. Describe functions of stomach
6. Enumerate functions of growth hormone. Add a note on acromegaly
7. Draw neat labelled diagram of juxta glomerular apparatus and enumerate its functions

**SHORT ANSWERS****5 x 2 = 10 Marks**

8. Milk ejection reflex
9. Manual method of artificial respiration
10. Any two actions of secretin
11. Draw labelled diagram of ECG
12. Give normal values of GFR and RBF

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