

First year B.Sc. Nursing (PC) Degree Examination – August 2010

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 four functional areas of cerebrum. Describe the meninges
2. Classify joints. Write a note on synovial joint

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

3. Supra renal gland (adrenal gland)
4. Trachea
5. Spleen
6. Pectoralis major muscle
7. Nephron

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

8. Basilic vein
9. Periosteum
10. Nucleus
11. Name the parts of a vertebra
12. Name any two paranasal air sinuses

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

1. Classify hypoxia. Describe them with suitable examples
2. Draw a labeled diagram showing nerve supply to the urinary bladder. Explain the mechanism of micturition. What is a neurogenic bladder

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

3. Classify leucocytes. Add a note on their functions
4. Explain the cardiovascular and respiratory changes during exercise
5. Give the classification of neurons
6. Heart sounds
7. Explain the movements of stomach. Mention the factors influencing gastric emptying

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

8. Mention the functions of cerebellum
9. What is meant by ovulation? Name the hormone responsible for ovulation
10. Mention the permanent methods of family planning in male and females
11. Mention the functions of middle ear
12. Name the four primary taste sensations of the tongue with the help of a diagram
