

February 2012**[LA 1010]****Sub. Code: 4701****B.Sc (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2006-07 onwards)****First Year****Paper I – ANATOMY AND PHYSIOLOGY****Q.P. Code : 664701****Time : Three hours****Maximum : 75 marks****Answer ALL questions.****Answer Section A and Section B SEPARATELY.****SECTION A****(ANATOMY)****(37)****I. Elaborate on:****(1X12=12)**

1. Enumerate the parts of respiratory system and write in detail about the Lung.

II. Write notes on :**(3X 5 =15)**

1. Urinary Bladder – Position, external features, relations and applied anatomy
2. Blood supply of Brain.
3. Gluteus maximus.

III. Short Answer:**(5X 2 =10)**

1. Name any two contents of cubital fossa.
2. Mention the neuroglial cells.
3. Give two examples for ball and socket joint.
4. Write any two characteristic features of skeletal muscle.
5. Mention the three coverings of eyeball.

**SECTION B
(PHYSIOLOGY)****(38)****I. Elaborate on:****(1X13=13)**

1. Define Immunity. How do you classify Immunity? Add a note on the various functions of T lymphocytes and B lymphocytes.

II. Write notes on :**(3X 5 =15)**

1. Functions of placenta.
2. Dwarfism.
3. Surfactant.

III. Short Answer:**(5X 2 =10)**

1. Mention any two functions of blood.
2. Name any two hormones produced by the adrenal cortex.
3. List any two functions of CSF.
4. Name any four primary tastes.
5. List any two physiological properties of skeletal muscle.
