

[LI 1010]

FEBRUARY 2016

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)****I. Essay:** (1 x 12 = 12)

1. Enumerate the Blood Supply of the Heart under the following headings:-
Origin, course, relations, branches, supplying area and its clinical Anatomy.

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

1. Structural differences between Skeletal, Cardiac and Smooth Muscles.
2. Draw the labeled diagram of Eye ball.
3. Stomach.

III. Short answers on: (5 x 2 = 10)

1. Name the bones present in the middle Ear.
2. Name the Endocrine glands present in the body.
3. Name the structures present in the Hilum of the right Lung.
4. Name any four Cranial nerves.
5. Give two examples of Synovial Joints.

**SECTION B
(PHYSIOLOGY)****I. Essay:** (1 x 13 = 13)

1. Write in detail the mechanism of Urine formation.

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

1. Dwarfism.
2. Heart sounds.
3. Neuro-muscular junction.

III. Short answers on: (5 x 2 = 10)

1. Describe the conducting system of the Heart.
2. Enumerate the functions of Saliva.
3. List the name of any two Neuroglial cells.
4. Name any two hormones produced by the Ovary.
5. Functions of Bile.