

August 2011

[KZ 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 : 100 marks****Answer ALL questions.****Answer Section A and Section B SEPARATELY.****SECTION A (ANATOMY)****I. Essay****(1 x 20 = 20)**

1. Classify the Nervous system and write in detail about the functional areas of Cerebrum.

II. Write Short Notes:**(4 x 5 = 20)**

1. Deltoid muscle – Origin, insertion, nerve supply, action, applied anatomy.
2. Blood supply to heart – Arterial supply, venous drainage, and applied anatomy.
3. Stomach – Position, parts, blood supply, nerve supply, applied anatomy.
4. Circle of Willis – Formation, area of supply and applied anatomy.

III. Short Answers Questions:**(5 x 2 = 10)**

1. Write the parts of Fallopian tube.
2. Mention any two connective tissue cells.
3. Draw the structure of nephron.
4. Name the contents of middle ear cavity.
5. Mention the three layers of adrenal cortex.

SECTION B (PHYSIOLOGY)**I. Essay****(1 x 20 = 20)**

1. Write in detail the mechanism of urine formation.

II. Write Short Notes:**(4 x 5 = 20)**

1. Describe the functions of placenta.
2. Mention the physiological factors affecting blood pressure.
3. Oxygen transport.
4. Functions of Liver.

III. Short Answers Questions:**(5 x 2 = 10)**

1. Mention two functions of Hydrochloric acid.
2. Write two functions of Surfactant.
3. Name different refractory errors of the eye.
4. What is Tetany?

5. Name different types of muscle tissue.