

[LH 1010]

AUGUST 2015

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. Elaborate on: (1 x 12 = 12)

1. Enumerate the parts of the Digestive system and describe the stomach under the following heading:
a) Situation b) Parts c) Blood supply d) Lymphatic drainage e) Applied anatomy.

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

1. Para nasal sinuses.
2. Structural differences between skeletal, cardiac and smooth muscles.
3. Functional areas of cerebrum.

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

1. Parts of uterine tube.
2. Splenomagaly.
3. Dislocation of shoulder joint.
4. Blood brain barrier.
5. Quadriceps femoris muscle.

SECTION – B
(PHYSIOLOGY)

I. Elaborate on: (1 x 13 = 13)

1. Define erythropoiesis. Describe in detail about the stages of erythropoiesis.
Add a note on maturation factors.

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

1. Electro cardiogram [ECG]
2. Functions of skin.
3. Functions of placenta.

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

1. What is surfactant?
2. Mention the enzymes present in pancreatic juice.
3. Types of Neurons.
4. Muscle tone.
5. Name the bile salts.