

[LK 1010]

FEBRUARY 2017

Sub. Code: 4701

B.Sc. (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2006-07 onwards)

FIRST YEAR
PAPER I – ANATOMY & PHYSIOLOGY

Q.P. Code : 664701

Time : Three hours

Maximum : 75 Marks

Answer Section A and Section B Separately

SECTION A
(ANATOMY)

I. Elaborate on: (1 x 12 = 12)

1. Enumerate the parts of female reproductive system with a neat diagram. Describe about the uterus in detail.

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

1. Tongue.
2. Circle of Willis.
3. Deltoid muscle.

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

1. Name the arteries supplying the heart and give their origin.
2. Write any two characteristic features of skeletal muscle.
3. Name the organs involved in respiratory system.
4. Name the ventricles present in the brain.
5. Name the salivary glands present in the body.

SECTION B
(PHYSIOLOGY)

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

1. Enumerate the factors involved in blood coagulation and describe the mechanism of blood coagulation. Add a note on anticoagulants.

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

1. Neuro muscular junction.
2. Transport of oxygen in blood.
3. Hormonal regulation of menstrual cycle.

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

1. Name the layers and secretions of adrenal cortex.
2. Any four functions of calcium.
3. Functions of leucocytes.
4. Name the hormones that act on nephron.
5. Name the three compartments of cochlea.
