

[LM 0218]

FEBRUARY 2018

Sub. Code: 2241

B.Sc. MEDICAL SOCIOLOGY
FIRST YEAR
PAPER I – ANATOMY AND PHYSIOLOGY

Q.P. Code: 802241

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe the composition and functions of blood.
2. Name the hormones secreted by the pituitary gland. Add a note on their functions.
3. Draw a labelled diagram of the respiratory system. Explain briefly the mechanism of breathing.

II. Write notes on:

(8 x 5 = 40)

1. Functions of the liver.
2. Draw a diagram of an animal cell and label its parts.
3. Pulmonary circulation.
4. Mechanism of formation of urine.
5. Synovial Joint.
6. Blood supply to the brain.
7. Composition and functions of gastric juice.
8. Autonomic nervous system.

III. Short answers on:

(10 x 3 = 30)

1. Name the bones of the axial skeleton.
2. Diaphragm.
3. Functions of white blood cells.
4. Name the chambers of the heart.
5. Functions of cerebrospinal fluid.
6. Name the parts of a nephron.
7. Esophagus.
8. Name the movements that occur in the large intestine.
9. Cardiac cycle.
10. Name the hormones secreted by the thyroid gland.
