

[LL 0817]

AUGUST 2017

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. Draw a labelled diagram of the heart. Define Blood Pressure. What is the normal adult blood pressure?
2. Name the parts of the male reproductive system. Describe Spermatogenesis in brief.
3. Define “Hormone” and Endocrine gland. Name the hormones secreted by the thyroid gland along with their functions.

II. Write notes on:

(8 x 5 = 40)

1. Name the cranial nerves.
2. Composition and action of pancreatic juice.
3. Connective tissue.
4. Functions of blood.
5. Mechanism of breathing.
6. Neuroglia.
7. Liver.
8. Types of bones with examples.

III. Short answers on:

(10 x 3 = 30)

1. Vital Capacity.
2. Skeletal Muscle.
3. Name the parts of small intestine.
4. Chromosomes.
5. Name the functions of kidney.
6. Name any three movements of the alimentary tract.
7. Mention the hormones secreted by the ovary.
8. Mention any three actions of the sympathetic nervous system.
9. What are lacteals?
10. Functions of hypothalamus.
