[LH 0815] **AUGUST 2015** **Sub.Code :2241**

B.Sc. MEDICAL SOCIOLOGY
(New Syllabus 2014-2015)

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. Explain in detail about the anatomy of the digestive tract and list the functions of the organs in the digestive tract.
2. Explain the structure of the brain with a labeled diagram.
3. Explain in detail about the male reproductive system.

II. Write Notes on: **(8 x 5 = 40)**

1. List the various functions of the heart.
2. Explain about the classification of joints.
3. What are the different types of tissues?
4. Describe the process of erythropoiesis
5. Explain the physiology of respiration.
6. Explain in detail about axial and appendicular skeleton.
7. Explain about skeletal muscle and its functions.
8. What is systemic circulation? Explain briefly.

III. Short Answers on: **(10 x 3 = 30)**

1. Explain about fertility.
2. List the functions of pancreas.
3. Name the four chambers of the heart.
4. List the factors influencing blood pressure.
5. List the functions of the neuron.
6. What is muscle tone?
7. Explain about spinal nerves.
8. Write about the functions of the spinal cord.
9. What are the different blood groups?
10. Define cardiac cycle.

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