

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0423]

APRIL 2023

Sub. Code: 2241

**B.Sc. MEDICAL SOCIOLOGY
FIRST YEAR (Regulations 2014-2015 & 2018-2019 onwards)
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 Structure and Functions of a cell with a neat labeled diagram.
2. Explain the events of Cardiac cycle.
3. Describe the Stages of Erythropoiesis and add a note on factors influencing it.

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

1. Mechanism of Nerve Impulse Conduction.
2. Functions of Liver.
3. Mechanism of Respiration.
4. Structure and functions of Uterus.
5. Cranial Nerves.
6. Coronary circulation.
7. Functions of Pancreas.
8. Structure and functions of salivary glands.

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

1. Functions of Spinal cord.
2. Classify Tissues.
3. Classify Joints.
4. Define Spermatogenesis.
5. Functions of Saliva.
6. Draw the diagram of lung and label its parts.
7. Parts of the Long Bone.
8. Name the parts of the alimentary tract.
9. Functions of Neuroglia.
10. Structure of a neuron.
