

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

[AHS 1122]

NOVEMBER 2022

Sub. Code: 2241

**B.Sc. MEDICAL SOCIOLOGY  
FIRST YEAR (Regulation 2014-2015)  
PAPER I – ANATOMY AND PHYSIOLOGY  
Q.P NO. 802241**

**Time: Three Hours**

**Answer All questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. List the coagulation factors. Explain the intrinsic and extrinsic pathway involved in coagulation of blood.
2. Classify Joints and explain each type of joint with suitable diagrams.
3. Define Blood Pressure. What are the factors affecting blood pressure?

**II. Write notes on:**

**(8 x 5 = 40)**

1. Oxygen dissociation curve.
2. Composition and action of pancreatic juice.
3. Coronary circulation.
4. Functions of blood.
5. Mechanism of respiration.
6. Structure of a neuron.
7. Spinal cord.
8. Wallerian degeneration.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Name the bones of the axial skeleton.
2. Parts of Extrahepatic biliary apparatus.
3. Functions of white blood cells.
4. Types of smooth muscles.
5. Functions of cerebrospinal fluid.
6. Factors regulating fertility.
7. Deglutition apnoea.
8. Oral rehydration therapy.
9. Ear ossicles.
10. Name the hormones secreted by the thyroid gland.

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