

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

**[AHS 0423]**

**APRIL 2023**

**Sub. Code: 1841**

**B.Sc., RADIOGRAPHY & IMAGING TECHNOLOGY  
FIRST YEAR (Regulation 2018-2019 onwards)  
PAPER I – HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY  
RELEVANT TO RADIOLOGY  
Q.P. Code: 801841**

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on :** **(3 X 10 = 30)**

1. Write in detail about the Endocrine system and the various glands involved in it.
2. Write in detail about the structure and functions of Kidneys.
3. Write about the classification of Joints and movements at the Joints.

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

1. Composition of Blood.
2. Valves of the Heart.
3. Connective tissue.
4. Structure and functions of Stomach.
5. Neuron.
6. Physiology of Digestion.
7. Bronchopulmonary segments.
8. Urinary bladder.

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

1. Portal hypertension.
2. Blood grouping.
3. Bones of Pelvis.
4. Fontanelles.
5. Function of Large Intestine.
6. Fallopian tube.
7. Difference between Male and Female Urethra.
8. Bones of Thoracic cage.
9. Physiology of Hearing.
10. Cardiac cycle.

\*\*\*\*\*