

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

[AHS 0423]

APRIL 2023

Sub. Code: 1801

**B.Sc. RADIOLOGY IMAGING TECHNOLOGY
FIRST YEAR (Regulations 2010-2011 & 2014-2015 onwards)
PAPER I – HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY
RELEVANT TO RADIOLOGY**

Q.P. Code: 801801

Time: Three Hours

Maximum : 100 Marks

Answer All questions

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

1. Explain the functions of Kidney. Add a note of pathophysiology of Renal diseases and Oedema.
2. Write in detail about the various parts of the Digestive system. Add a note on pathophysiology of Jaundice.
3. What are Endocrine Glands? Write in detail about the hormones secreted by them and their functions.

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

1. Discuss the bones and joints of Lower extremity.
2. Write a note on coagulation of Blood.
3. Structure and functions of Paranasal sinuses.
4. Anatomy of Upper Respiratory Tract.
5. Describe the structure and function of human cell with diagram.
6. Write briefly about common Cardiovascular disorders.
7. Structure and function of Female Reproductive System.
8. Circulation of CSF.

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

1. Name the bones of the Face.
2. Name the parts of Male reproductive system.
3. Functions of Lymph glands.
4. Functions of Liver.
5. Name the joints of Shoulder girdle.
6. Name the Cranial nerves.
7. Name the Meninges of the Brain.
8. Name the Salivary glands.
9. Composition of Blood.
10. Name the elementary tissues of Human body.
