

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

[AHS 0321]

MARCH 2021

Sub. Code: 2401

(OCTOBER 2020 EXAM SESSION)

M.Sc. RADIOTHERAPY TECHNOLOGY

FIRST YEAR (From 2019-2020 onwards)

**PAPER I – HUMAN APPLIED AND IMAGING ANATOMY, PHYSIOLOGY,
PATHOLOGY & TERMINOLOGY**

Q.P. Code : 282401

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Explain the anatomy of the Respiratory system with diagrams.
2. Describe the Urinary system with diagrams. Explain the process involved in the formation of urine.

II. Write Short Notes on:

(10x6 = 60)

1. Write a note on spread of tumours.
2. Types of necrosis.
3. Chemical carcinogens.
4. Regulation of Blood Pressure.
5. Digestion of Fat.
6. Functions of pancreas.
7. Functions of mitochondria.
8. Structure of ova.
9. Production and circulation of cerebrospinal fluid.
10. Parts and functions of small intestine.
