

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

[AHS 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 2401

**M.Sc. RADIOTHERAPY TECHNOLOGY
FIRST YEAR**

(Candidates admitted from 2019-2020 onwards – Paper I)

(Candidates admitted from 2020-2021 onwards – Paper II)

**PAPER I & II – 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. Describe the Female Reproductive system, location and its functions.
2. Describe the phases of digestion. Explain the major hormones that regulate the digestive system.

II. Write Short Notes on: (10x6 = 60)

1. Differentiate between acute and chronic inflammation .
2. Apoptosis.
3. Pathogenesis of septic shock
4. Structure of Eyeball.
5. Blood supply of the Heart.
6. Types of muscles.
7. Process of absorption in the large intestine.
8. Reflex arc.
9. Types of hypoxia with suitable examples.
10. Functions and location of pituitary gland.
