

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

[AHS 0424]

APRIL 2024

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

Answer All questions

Maximum : 100 Marks

I. Elaborate on :

(3 X10 = 30)

1. Describe the Anatomy and Functions of Stomach.
2. Write in detail about Anatomy of Uterus and Ovary. Add a note on Physiology of Ovulation.
3. Describe the Vertebral Column in detail.

II. Write Notes on :

(8 X 5 = 40)

1. Mechanism of Respiration.
2. Circle of Willis.
3. Physiology of Taste.
4. Draw and label parts of Large Intestine.
5. Anatomy of Eye.
6. Functional unit of Kidney.
7. Cardiac cycle.
8. Deglutition.

III. Short Answers on :

(10 X 3 = 30)

1. Define Thrombocytopenia.
2. Define Meningitis.
3. Mention hormones of Thyroid gland.
4. Types of Bones.
5. Types of nerve fibers.
6. Name the ventricles in Brain.
7. Functions of Liver.
8. Define systolic and diastolic Blood Pressure.
9. What is Blood Brain Barrier?
10. Pathophysiology of Edema.
