

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

[AHS 0122]

JANUARY 2022

Sub. Code: 1421

(FEBRUARY 2021 & AUGUST 2021 EXAM SESSION)

DIPLOMA IN RADIOGRAPHY AND IMAGING TECHNOLOGY

FIRST YEAR (Regulation 2018-2019)

PAPER I – HUMAN ANATOMY AND PHYSIOLOGY, RELEVANT TO RADIOLOGY

Q.P. Code : 841421

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Draw and Label a neat diagram of Kidney. Add a note on Physiology of Urine formation.
2. Describe in detail about Composition and Functions of Blood.
3. Describe the parts of the Digestive system with suitable diagram.

II. Write notes on:

(10 x 5 = 50)

1. Thyroid Gland.
2. Diaphragm.
3. Knee Joint.
4. Liver.
5. Functions of Ovary.
6. Draw & Label a neat diagram of Heart.
7. Differences between Artery and Vein.
8. Humerus.
9. Draw & Label a neat diagram of Eye ball.
10. Cerebro spinal fluid.

III. Short answers on:

(10 x 2 = 20)

1. Ear Ossicles.
2. Pronation.
3. Pleura.
4. Insulin.
5. Name 2 Cranial nerves.
6. What is Medial?
7. Name the 4 Basic Tissues.
8. Difference between Right & Left Lung.
9. Example for Immovable Joint.
10. Name 2 Lymph nodes.
