

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

[AHS 0321]

MARCH 2021

Sub. Code: 1401

(AUGUST 2020 EXAM SESSION)

DIPLOMA IN RADIOLOGY IMAGING TECHNOLOGY

FIRST YEAR (Regulation 2010-2011)

PAPER I – HUMAN ANATOMY AND PHYSIOLOGY, RELEVANT TO RADIOLOGY

Q.P. Code : 841401

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Draw a neat diagram of Human Cell and Write the functions of cell organelles.
2. Write the parts of the Digestive system with suitable diagram.
3. Name the Endocrine Glands, Discuss in detail about Pituitary.

II. Write notes on:

(10 x 5 = 50)

1. Shoulder Joint.
2. Draw and Label the diagram of Left Lung.
3. Menstrual Cycle.
4. Chambers of the Heart.
5. Functions of the Skin.
6. Urinary Bladder.
7. Draw and label the diagram of Neuron.
8. Diaphragm.
9. Difference between Male and Female Pelvis.
10. Clavicle.

III. Short answers on:

(10 x 2 = 20)

1. Irregular Bone.
2. Example for Smooth Muscle.
3. Regions of the Abdomen.
4. Parts of the Pharynx.
5. Types of Tooth.
6. Ear Ossicles.
7. Functions of Gall bladder.
8. Heparin.
9. Lumbar Puncture.
10. Functions of Platelets.
