

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

[AHS 0321]

MARCH 2021

Sub. Code: 2101

(AUGUST 2020 EXAM SESSION)

**B.Sc. NUCLEAR MEDICINE TECHNOLOGY
FIRST YEAR (Regulations 2010-2011)
PAPER I – HUMAN ANATOMY AND PHYSIOLOGY
*Q.P. Code : 802101***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Female Reproductive System.
2. Classification of Joints with Example.
3. Draw and Label a neat diagram of Animal cell. Add a note on various Cell Organelles.

II. Write Notes on:

(8 x 5 = 40)

1. Cerebro-spinal Fluid.
2. Reflex arc.
3. List out the Location and Secretions of pituitary Gland.
4. Functions of Hypothalamus.
5. Bronchopulmonary segments.
6. Deltoid.
7. Knee Joint.
8. Defecation.

III. Short Answers on:

(10 x 3 = 30)

1. Define – Oogenesis.
2. Muscular Tissue.
3. Hemophilia.
4. Name the phases of Menstrual Cycle.
5. Intercostal space.
6. Optic nerve.
7. Taste Buds.
8. Write any 3 Gastric enzymes.
9. Openings of Diaphragm.
10. Functions of Ribosomes.
