

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

[AHS 0423]

APRIL 2023

Sub. Code: 2101

**B.Sc. NUCLEAR MEDICINE TECHNOLOGY
FIRST YEAR (Regulations 2010-2011 & 2018-2019 onwards)
PAPER I – HUMAN ANATOMY & PHYSIOLOGY
Q.P. Code.: 802101**

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe the Sulci, Gyri and functional areas of superolateral surface of Brain.
2. Describe the parts of Alimentary system. Explain the process of digestion and absorption.
3. Enumerate the Endocrine glands. Describe in detail the anatomy, blood supply and functions of the Thyroid gland.

II. Write short notes on:

(8 x 5 = 40)

1. Bronchopulmonary segments.
2. Urine formation.
3. Reflex arc.
4. Cerebellum.
5. Median cubital vein.
6. Inguinal lymph nodes.
7. Malignant tumours and their dissemination.
8. Coronary circulation.

III. Short Answers on:

(10 x 3 = 30)

1. Fallopian tube.
2. Contents of Intercostal space.
3. Meninges.
4. Pericardium.
5. Neuron.
6. Haversian system.
7. Red blood cells.
8. Describe the structure of spermatozoa.
9. Centre of Ossification
10. Prostate gland.
