

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 1941

B.Sc. RADIOTHERAPY TECHNOLOGY
FIRST YEAR (Regulation 2018-2019 onwards)
PAPER I – HUMAN ANATOMY AND PHYSIOLOGY
Q.P. Code: 801941

Time: Three Hours

Answer All questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Describe the structure of Stomach and its function.
2. Draw and label the parts of Respiratory tract. Add a note on Lungs.
3. List the various constituents of Blood. Explain in detail about WBC.

II. Write notes on:

(8 x 5 = 40)

1. Juxta – glomerular apparatus.
2. Structure of Skeletal muscle.
3. Functions of Cerebrospinal fluid.
4. Spermatogenesis
5. Synovial joints.
6. Functions of Liver.
7. Classify Connective Tissue.
8. Heart sounds.

III. Short answers on:

(10 x 3 = 30)

1. Types of Cartilage.
2. Functions of Lymphatic fluid.
3. What is Vital capacity?
4. Structure of Long bone.
5. Name any three Clotting factors.
6. List out Plasma proteins.
7. Name the Lobes of Cerebrum.
8. Importance of Vitamin B12.
9. What is Mitosis and Meiosis?
10. Functions of Nucleus of a Cell.
