

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

[AHS 1123]

NOVEMBER 2023

Sub. Code: 2451

**BACHELOR IN PROSTHETICS AND ORTHOTICS**

**FIRST YEAR (Regulation 2017-2018 onwards)**

**PAPER I – ANATOMY**

*Q.P. Code: 802451*

**Time: Three Hours**

**Answer All questions**

**Maximum : 100 Marks**

**I. Elaborate on :**

**(3X10=30)**

1. Describe in detail about Ankle joint under the following headings:
  - a) Type
  - b) Articulation
  - c) Ligaments
  - d) Movements
  - e) Applied Anatomy.
2. Describe in detail about Radial Nerve under the following headings:
  - a) Formation
  - b) Course
  - c) Branches
  - d) Applied Anatomy.
3. Describe in detail about Popliteal Fossa.

**II. Write Notes on:**

**(8X5=40)**

1. Sartorius.
2. Valves of the heart.
3. Movements of shoulder joint.
4. Wrist drop.
5. Classification of joints.
6. Blood supply of long bone.
7. Parts of a vertebra.
8. Brachial artery.

**II. Short Answers on :**

**(10X3=30)**

1. List the types of Neuron, based on Polarity.
2. List the Chambers of the Heart.
3. List the Intercostal Muscles.
4. Blood supply of Kidney.
5. List the muscles attached to the Linea Aspera of Femur.
6. List the contents of Cubital fossa.
7. Parts of Sternum.
8. Formation of Tendocalcaneus.
9. List the Tarsal Bones.
10. List the major openings in the Diaphragm.

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