

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

[AHS 0321]

**MARCH 2021**

**Sub. Code: 2451**

**(AUGUST 2020 EXAM SESSION)**

**BACHELOR IN PROSTHETICS AND ORTHOTICS**

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

**PAPER I – ANATOMY**

*Q.P. Code : 802451*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Write about hip Joint.
2. Types of Joints in a human body.
3. Explain anatomy of heart with diagram.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Significance of the Arches of the foot.
2. Write about Femoral Triangle.
3. Nerve Supply and functions of Urinary Bladder.
4. Axis and Planes of the human Body.
5. Lymphatic drainage of the lower limb.
6. Muscles that originate and insert into the Scapula.
7. Origin, Insertion, Nerve supply and action of Diaphragm.
8. Write about Ulnar Nerve.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Carpal bones.
2. Sesamoid Bone.
3. Cubital Fossa.
4. Elbow Joint.
5. Cartilage.
6. Types of Connective Tissue.
7. Lobes of the lung.
8. Pronation.
9. Tensor Fascia Lata.
10. Interosseous Membrane.

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