

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

[AHS 0423]

APRIL 2023

Sub. Code: 2451

BACHELOR IN PROSTHETICS & ORTHOTICS

FIRST YEAR (Regulation 2017-2018 onwards)

PAPER I – ANATOMY

Q. P. Code: 802451

Time: Three hours

Maximum : 100 Marks

Answer ALL Questions

I. Elaborate on: **(3 x 10 = 30)**

1. Describe the Arches of Foot under the following headings:
(a) Classification (b) Formation (c) Supports
(d) Functions (e) Applied Anatomy.
2. Describe the Median Nerve under the following headings:
(a) Origin and termination (b) Root value (c) Course and Relations
(d) Branches and Distribution (e) Applied Anatomy.
3. Explain Valves of the Heart with diagram. Add a note on the blood supply of the Heart.

II. Write notes on: **(8 x 5 = 40)**

1. Cubital fossa.
2. Openings of diaphragm.
3. Adductor canal.
4. Sciatic nerve.
5. Gluteus maximus.
6. Mediastinum.
7. Types of bone.
8. Inversion and Eversion.

III. Short answers on: **(10 x 3 = 30)**

1. Parts of small intestine.
2. Types of elementary tissues of Human body.
3. Muscles attached to the coracoid process of Scapula.
4. Fibrous joints.
5. Muscles involved in foot drop.
6. Name the branches of Femoral nerve.
7. Nerve supply of Lumbricals in hand.
8. Carpal bones.
9. Branches of Arch of Aorta.
10. Supination.
