

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

**[MD 0524]**

**MAY 2024**

**Sub. Code: 4065**

**M.D. DEGREE EXAMINATION**

**BRANCH XXIII – ANATOMY**

**PAPER I – GROSS ANATOMY**

*Q.P. Code: 204065*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:** **(2 x 15 = 30)**

1. Describe in detail about the muscles of the Pharynx. Add a note on its Clinical Anatomy.
2. Describe the blood supply of heart in detail. Add a note on its Clinical Anatomy.

**II. Write notes on:** **(10 x 5 = 50)**

1. Tympanic membrane.
2. Radial artery.
3. Lumbricals.
4. Short saphenous vein.
5. First Rib.
6. Cutaneous innervation of dorsum of foot.
7. Otic ganglion.
8. Thoracic duct.
9. Pelvic diaphragm.
10. Male urethra.

**III. Reasoning out:** **(4 x 5 = 20)**

**State whether each of the following statement is TRUE of FALSE and reason out.**

1. Nerves in anterior abdominal wall pass in the plane between internal oblique and Transversus abdominis.
2. In Thoracocentesis the needle is inserted in the midaxillary line through the lower part of the ninth intercostal space.
3. Superior gluteal nerve injury causes positive trendelenburg's sign.
4. Prostatic Carcinoma metastasize in the vertebral column and brain.

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