

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

**[MD 0723]**

**JULY 2023  
(MAY 2023 EXAM SESSION)**

**Sub. Code: 2089**

**M.D. DEGREE EXAMINATION  
BRANCH XXIII – ANATOMY  
PAPER I – GROSS ANATOMY  
*Q.P. Code: 202089***

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Essay: (2 x 15 = 30)**

1. Describe the Peritoneum under the following headings:  
a) Subdivisions                      b) Folds                                      c) Reflections  
d) Recesses                              e) Blood and nerve supply.
2. Describe the gross anatomy of the pharynx, its external relations, internal features, arterial and nerve supply, lymphatic and venous drainage.

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

1. Radio-ulnar joints.
2. Profunda femoris artery.
3. Thoracoabdominal diaphragm.
4. Internal jugular vein
5. Age changes in the prostate.
6. Ovaries.
7. Thoracic duct.
8. Illustrate the cutaneous nerve supply of the face.
9. Palate
10. Sacrum.

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

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

1. The Pectineus is a transitional muscle between the anterior and medial compartments of thigh.
2. The cruciform ligament of atlas acts as a check ligament to prevent excessive rotational movements of the atlanto-axial joints.
3. The retromammary space is between the mammary gland and the pectoralis major muscle.
4. The left testicular vein lies behind the apex of the “V” shaped attachment of the root of sigmoid mesocolon.

\*\*\*\*\*