

**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 ankle joint under the following headings- articular surfaces, ligaments, relations, arterial supply, movements and applied anatomy.
2. Describe palatine tonsil under the following headings- gross features, relations, blood supply, development and applied anatomy.

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

1. Maxillary artery.
2. Pronation and supination.
3. Ciliary ganglion.
4. Interosseous membrane of leg.
5. Lesser sac.
6. Perforating veins.
7. Deep peroneal nerve.
8. Nasopharynx.
9. Scalenovertebral triangle.
10. Actions of intrinsic muscles of larynx.

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

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

1. In a case of lesion of the nerve to stapedius, there is hyperacusis.
2. Lymphatics from the testis drain into the superficial inguinal lymph nodes.
3. The lumbricals help in flexion at the metacarpophalangeal joint and extension at the interphalangeal joint.
4. In acute cholecystitis, pain radiates to the right shoulder.

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