

(LC 116)

APRIL 2013

Sub. Code: 2089

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

**Time: Three Hours**

**Maximum: 100 marks**

**I. Essay:**

**(2X10=20)**

1. Describe the hip joint in detail
2. Write about middle ear cavity

**II. Short Questions:**

**(8X5=40)**

1. Pronation and supination
2. Portal vein
3. Lesser Sac
4. Interior of larynx
5. Draw and label the structures at T4 level
6. Musculocutaneous nerve of upper limb
7. Ischiorectal fossa
8. Lateral wall of nose

**III. Reasoning Out:**

**(4X5=20)**

Each of the following questions have a stem and are followed by five options. Mention whether the options are TRUE or FALSE and mention the REASON.

1. Cribriform fascia pierced by
  - a) Superficial epigastric vein
  - b) Superficial external pudendal vein
  - c) Great saphenous vein
  - d) Deep external pudendal vein
  - e) Superficial circumflex iliac vein
2. Bilateral tributary of Inferior vena cava
  - a) Hepatic vein
  - b) Supra renal vein
  - c) Ovarian vein
  - d) Renal vein
  - e) Inferior phrenic vein
3. Interosseous membrane pierced by
  - a) Common interosseous artery
  - b) Posterior interosseous artery
  - c) Anterior interosseous nerve
  - d) Posterior interosseous nerve
  - e) Median cubital vein
4. Palatine tonsil
  - a) Lateral surface covered by mucous membrane
  - b) Lies in the lateral wall of oropharynx
  - c) Internal carotid artery is 2.5 cm behind and lateral to it
  - d) Deep intra tonsillar cleft is present in the upper part of medial surface
  - e) Medial surface covered with buccal mucous membrane

**IV. Very Short Answers:**

**(10X2=20)**

1. Contents of adductor canal
2. Muscles supplied by the deep branch of ulnar nerve
3. Tributaries of azygous vein
4. Structures passing between superior and middle constrictors of pharynx
5. Splanchnic nerves
6. Formation and contents of carotid sheath
7. Mention the lymphoid organs present in the human body
8. Primary cartilaginous joint
9. Contents of spermatic cord
10. Posterior relations of kidney

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