

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

[MBBS 0825]

AUGUST 2025

Sub. Code: 7051

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2024 -2025)

FIRST PROFESSIONAL – (CBME)

PAPER I - ANATOMY

Q.P. Code: 527051

Time: Three hours

Maximum: 100 Marks (80 Theory + 20 MCQs)

Answer all the Questions

Add appropriate diagrams wherever necessary

I. Essay: (1 x 10 = 10)

1. A 62 year old bus conductor came to the surgery OPD with complaints of pain in his right leg for the past 6 months. Clinical examination revealed dilated, tortuous veins in the medial aspect of right lower limb and was diagnosed to have varicose veins.
 - a) Describe the formation, course and relations, tributaries and termination of great saphenous vein. (1+2+3+1)
 - b) Explain the anatomical basis of varicose veins. (3)

II. Reasoning out short notes: (2 x 5 = 10)

1. Intramuscular injection in arm may lead to inability to abduct arm. Give reasons for the above statement.
2. Haematemesis occurs in portal hypertension – Reason out.

III. Write Short notes on: (10 x 6 = 60)

1. Anatomical snuffbox and its applied aspects.
2. Cadaver as the first teacher
3. Midgut Rotation.
4. Histological differences between lymph node & spleen.
5. Synovial Joint.
6. Superficial perineal pouch.
7. Anatomical basis of Carpal tunnel syndrome.
8. Lymphatic drainage of stomach and its applied aspects.
9. Longitudinal arch of foot and factors maintaining it.
10. Prostate gland and its applied aspects.

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

[MBBS 1025]

OCTOBER 2025

Sub. Code: 7051

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2024 -2025)

FIRST PROFESSIONAL – SUPPLEMENTARY - (CBME)

PAPER I - ANATOMY

Q.P. Code: 527051

Time: Three hours

Maximum: 100 Marks (80 Theory + 20 MCQs)

Answer all the Questions

Add appropriate diagrams wherever necessary

I. Essay:

(1 x 10 = 10)

1. A 45 year old chronic alcoholic male was admitted in the hospital for blood vomiting and passage of blood in stools. On clinical examination, the physician found ascites and tortuous blood vessels around umbilicus. He was diagnosed to have portal hypertension.
 - a) Describe the formation, course and relations and termination of portal vein. (1+2+1)
 - b) Write about Portocaval anastomosis. (3)
 - c) Explain the anatomical basis of the clinical features in this condition. (3)

II. Reasoning out short notes:

(2 x 5 = 10)

1. Glenohumeral joint is the most frequently dislocated joint in the body – Reason out.
2. Common peroneal nerve is injured commonly in fracture neck of fibula and leads to foot drop – Reason out.

III. Write Short notes on:

(10 x 6 = 60)

1. Cadaver Ethics.
2. Femoral sheath.
3. Spermatogenesis.
4. Histology of duodenum.
5. Blood supply of long bone.
6. Anatomical basis of wrist drop.
7. Ischiorectal fossa and its applied anatomy.
8. Interior of Knee joint.
9. Ureter and its applied aspects.
10. Axillary artery.

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2024 -2025 & 2025-2026)

FIRST PROFESSIONAL - (CBME)

PAPER I - ANATOMY

Q.P. Code: 527051

Time: Three hours

Maximum: 100 Marks (80 Theory + 20 MCQs)

Answer all the Questions

Add appropriate diagrams wherever necessary

I. Essay:

(1 x 10 = 10)

1. A 42 year old musician came to the neurophysician with complaints of difficulty in playing musical instruments for the last 3 days. He had sustained a cut injury just below the medial side of the right elbow 4 days back. On clinical examination, the physician found that the medial 2 fingers are extended at the metacarpophalangeal joints and flexed at the interphalangeal joints and there is loss of sensation over the medial 1½ fingers of the right hand. He was diagnosed with ulnar nerve palsy. Describe the
 - a) Root value
 - b) course and relations
 - c) Branches and distribution of ulnar nerve. (1+3+4)
 - d) What is the anatomical basis of ulnar claw hand? (2)

II. Reasoning out short notes:

(2 x 5 = 10)

1. In the Inflammation of Gall bladder, pain is present in the tip of ninth costal cartilage.
2. Varicocele is common on the left side – Reason out.

III. Write Short notes on:

(10 x 6 = 60)

1. Supination and Pronation.
2. Microstructure of medium sized Artery.
3. Cadaver Ethics.
4. Popliteal fossa.
5. Neural tube.
6. Coeliac trunk.
7. Anatomical basis of inguinal hernia.
8. Rotator cuff and its importance.
9. Lymphatic drainage of breast and applied anatomy.
10. Supports of uterus and the anatomical basis of prolapse uterus.
