

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

**[BOT 1123]**

**NOVEMBER 2023  
(AUGUST 2023 EXAM SESSION)**

**Sub. Code: 6192**

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE  
FIRST YEAR - (Regulations for the candidates admitted from 2022-2023 onwards)  
PAPER II – ANATOMY**

*Q.P. Code: 786192*

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the formation, course and distribution of median nerve. Mention its effects of injury.
2. Name the hamstring muscles. Define their origin, insertion, nerve supply and action.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Cubital fossa.
2. Inversion and eversion of foot.
3. Rectus sheath.
4. Diaphragm.
5. Intercostal space.
6. External carotid artery.
7. Lateral wall of nasal cavity.
8. Superolateral surface of cerebrum.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Name the branches of medial cord of brachial plexuses.
2. Enumerate the nerves closely related to humerus.
3. Name the contents of adductor canal.
4. Name the muscles innervated by the deep peroneal nerve.
5. Name the lateral branches of abdominal aorta.
6. Name the parts of pancreas.
7. Name the structures seen at the Hilum of left lung.
8. Name any four muscles innervated by facial nerve.
9. Nerve supply of tongue.
10. Name the fibre tracts present in the posterior column of spinal cord.

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

**[BOT 0824]**

**AUGUST 2024**

**Sub. Code: 6192**

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE EXAMINATION  
FIRST YEAR - (Regulations for the candidates admitted from 2022-2023 onwards)  
PAPER II – ANATOMY**

*Q.P. Code: 786192*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the type, articular surfaces, ligaments, relations, movements and muscles causing the movements, blood supply, nerve supply and applied anatomy of Knee joint.
2. Describe the origin, course and relations, distribution, branches and applied anatomy of Ulnar nerve.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Femoral triangle.
2. Circle of Willis.
3. Sternocleidomastoid muscle.
4. Tongue.
5. Left lung.
6. Parts and blood supply of stomach.
7. Blood supply of Heart.
8. Boundaries and contents of axilla.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Name the cartilages of larynx.
2. Carrying angle.
3. Movements of temporomandibular joint.
4. Name the first four cranial nerves.
5. Name the divisions of trigeminal nerve.
6. Sesamoid bone.
7. Blood supply of cerebellum.
8. Right atrium.
9. Name the muscles causing supination of forearm.
10. Name the branches of lateral cord of brachial plexus.

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

**[BOT 0825]**

**AUGUST 2025**

**Sub. Code: 6192**

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE  
FIRST YEAR - (Candidates admitted from the academic year 2022-2023 onwards)  
PAPER II – ANATOMY**

*Q.P. Code: 786192*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the Sole of Foot Vein under the following sub-headings with suitable diagram.
  - a) Enumerate the layers of sole of foot.
  - b) Write in detail of second layer origin, insertion, nerve supply, action.
  - c) Plantar Aponeurosis
  - d) Mention Blood supply and Nerve supply of sole of foot.
2. Describe the Wrist Joint under the following sub-headings with suitable diagram.
  - a) Type, articular Surfaces, relations, ligaments, muscles producing movements and applied anatomy.
  - b) Add note on First Carpometacarpal Joint.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Spinal cord.
2. Palmar aponeurosis.
3. Superficial Palmar arch.
4. Extensor retinaculum of foot.
5. Lumbar plexus.
6. Portal vein.
7. Mandibular nerve.
8. Fascial spaces in hand.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Ape thumb deformity.
2. Constrictions of Ureter.
3. Anatomical Snuff Box.
4. Parts of Extra hepatic biliary apparatus.
5. Corpus Callosum.
6. Branches of femoral artery.
7. Carotid triangle.
8. Name the contents of posterior mediastinum.
9. Name the muscles of tongue.
10. Inversion and eversion.

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