

[KD 222] **APRIL 2001** Sub. Code : 2235

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

- 1 Describe the blood supply of heart (25)
- 2 Describe the larynx in detail (25)
- 3 Write briefly on : (5 × 10 = 50)
 - (a) Mesentery of Small Intestine.
 - (b) Thoracic Duct.
 - (c) Median Nerve.
 - (d) Locking and Unlocking of knee join
 - (e) Internal Iliac Artery.

NOVEMBER 2001

[KE 222]

Sub. Code : 2235

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

- 1 Classify Joints. Describe the hip joint (25)
- 2 Describe the supports of uterus (25)
- 3 Write briefly on : (5 × 10 = 50)
 - (a) Phrenic nerve.
 - (b) Lacrimal Apparatus.
 - (c) Bursae.
 - (d) Muscles of mastication
 - (e) Urogenital Diaphragm.

[KG 222] MARCH 2002 Sub. Code : 2235

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time Three hours Maximum : 100 marks

Answer ALL questions.

1. What are the diaphragms in the body? Describe in detail each of them. (26)
 - 2 Discuss in detail, about the thoraco-lumbar fascia. (26)
 - 3 Write clearly on : (4 × 12 = 48)
 - (a) Parotid fascia.
 - (b) Epiphyses and its blood supply.
 - (c) Sternoclavicular joint.
 - (d) Plantar arches.
-

SEPTEMBER 2002

[KH 222]

Sub. Code : 2235

M.S. DEGREE EXAMINATION

(Revised Regulations)

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours

Maximum 100 marks

Answer ALL questions

1. What are the retroperitoneal organs in the abdomen? What are their posterior relations? (26)
2. Discuss in detail, the pelvic fascia with their clinical importance. (26)
3. Write clearly : (4 × 12 = 48)
 - (a) Colles fascia.
 - (b) Diaphysis and its blood supply.
 - (c) Sterno-costal joints.
 - (d) Deep and superficial palmar arches

[KI 222] APRIL 2003

Sub. Code : 2235

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Explain the fascial disposition of the head and neck region. Add a note on surgical spaces in this region. (25)
 2. Describe the arches of the foot. Outline the biomechanics of the arch in walking. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Ischiorectal fossa
 - (b) Middle ear cavity
 - (c) Adductor magnus muscle
 - (d) Interossei muscles of the hand
 - (e) Superior mesenteric artery.
-

OCTOBER 2003

[KJ 222]

Sub. Code : 2235

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : 20 marks

M.C.Q. : Twenty minutes

**M.C.Q. must be answered SEPARATELY on the
answer sheet provided as per the instructions given on
the first page of M.C.Q. Booklet.**

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Write an essay on :

**1. Describe the boundaries, walls and the contents of
posterior triangle of the neck with a note on its clinical
anatomy. (15)**

**2. Describe the thoracic part of oesophagus. Add a
note on its clinical anatomy. (15)**

3. Write short notes on : (10 × 5 = 50)

- (1) Cutaneous nerve supply of the hand.**
- (2) Supinator muscle.**
- (3) Structures under cover of gluteus maximus.**
- (4) Syndesmosis.**
- (5) Gall bladder.**
- (6) Root of mesentery.**
- (7) Spermatic cord.**
- (8) Pelvic course of ureter in females.**
- (9) Multipennate muscle.**
- (10) Deep fascia.**

APRIL 2004

[KK 222]

Sub. Code : 2235

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw diagrams wherever necessary.

A. Write an Essay : (2 × 15 = 30)

- (1) Describe the Hyoglossus muscle in detail.
- (2) Describe the position, parts, relations and supports of uterus.

B. Write short notes on : (10 × 5 = 50)

- (1) Ulnar nerve in the hand
- (2) Ciliary ganglion
- (3) Epiploic foramen
- (4) Inguinal lymph nodes

- (5) Nasal septum
 - (6) Coronary sinus
 - (7) Anastomosis around elbow joint
 - (8) Fibrous joints
 - (9) Blood supply of the thyroid gland
 - (10) Lymphatic drainage of stomach.
-

AUGUST 2004

[KL 222]

Sub. Code : 2235

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw diagrams wherever necessary.

I. Write an Essay : (2 × 15 = 30)

(1) How is Brachial plexus formed? Name its branches. What are clinical features of Erb's palsy?

(2) Describe the attachments of fourth layer muscles in the sole of foot. What are the clinical features of Tarsal Tunnel Syndrome?

II. Write short notes on : (10 × 5 = 50)

- (a) Branches of the left coronary artery.
- (b) Dolicocephalic pelvis.
- (c) Coverings of the kidney.
- (d) Ligaments of penis.

- (e) Corrugator supercilii.
 - (f) Lesser sac of peritoneum.
 - (g) Cartilages of larynx.
 - (h) Thoracic vertebra.
 - (i) Ciliary body.
 - (j) Vermiform appendix.
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FEBRUARY 2005

[KM 222]

Sub. Code : 2235

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw diagrams wherever necessary.

I. Write an Essay :

(2 × 15 = 30)

(1) Describe the uterus under the following headings :

Normal position, parts, supports, blood supply, lymphatic drainage, applied anatomy and developmental anomalies.

(2) Describe the right subclavian artery under the following headings : Origin, Parts, Relations, Surface Marking, branches and variations.

II. Write short notes on :

(10 × 5 = 50)

- (a) Coverings of Thyroid gland
- (b) Branches of internal carotid artery
- (c) Types of pelvis and their clinical importance
- (d) Pulmonary vessels
- (e) Gluteus medius
- (f) Cartilagenous joints
- (g) Movements of scapula and muscles responsible for them
- (h) Superior orbital fissure
- (i) Lymphatic drainage of mammary gland
- (j) Great Saphenous Vein.

FEBRUARY 2006

[KO 222]

Sub. Code : 2235

M.S. DEGREE EXAMINATION,

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw diagrams wherever necessary.

I. Write an Essay : (2 × 15 = 30)

(1) Describe the Deep fascia of the Neck under the following head lines.

Attachment, vertical and transverse disposition, compartments and applied aspect.

(2) Describe the stomach under the following headlines ligaments, relations, blood supply and lymphatic drainage.

II. Write short notes on :

(10 × 5 = 50)

- (a) Lacrimal apparatus**
- (b) Mid palmar space**
- (c) Arches of the foot**
- (d) Coronary sinus**
- (e) Blood supply of supra renal gland**
- (f) Prostatic urethra**
- (g) Pouch of Douglas**
- (h) Broncho pulmonary segments**
- (i) Straight sinus**
- (j) Middle meningeal artery.**

SEPTEMBER 2006

[KP 222]

Sub. Code : 2235

M.S. DEGREE EXAMINATION.

Branch V — Anatomy

Paper I — GROSS ANATOMY

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write an Essay :

(1) Describe the uterus under the following headings : (20)

- (a) Position and parts**
- (b) Supports**
- (c) Blood supply**
- (d) Lymphatic drainage**
- (e) Applied aspects.**

(2) Describe the gross anatomy of the pharynx. Discuss its role in deglutition. (15)

(3) Describe the Tympanic cavity under the following headings : (15)

- (a) Location**
- (b) Boundaries**
- (c) Contents**
- (d) Applied anatomy's.**

II. Write short notes on : (6 × 5 = 30)

- (a) Porto-systemic anastomosis**
- (b) Recesses of the peritoneum**
- (c) Septum of the nose**
- (d) Interossci muscles of the hand**
- (e) Internal iliac artery**
- (f) Venous drainage of heart.**

[KQ 218] MARCH 2007 Sub. Code : 2235

M.S. DEGREE EXAMINATION.

Branch V — Anatomy

GROSS ANATOMY

Common to

Paper I — (Old/New/Revised Regulations)

(Candidates admitted from 1988–89 onwards)

and

Paper I (for candidates admitted from 2004–2005 onwards)

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

1. Describe Larynx. Add note on applied anatomy. (20)
2. Discuss pelvic diaphragm. Add a note on its evolution. (15)
3. Describe deep fascia of neck. Add a note on its clinical applications. (15)

II. Short notes :

(6 × 5 = 30)

- (a) Urethra.
 - (b) Emissary veins.
 - (c) Otic ganglion.
 - (d) Ossicles of ear.
 - (e) Vertebral artery.
 - (f) Extraocular muscles.
-

SEPTEMBER 2007

[KR 228]

Sub. Code : 2233

M.S. DEGREE EXAMINATION.

Branch V — Anatomy

GROSS ANATOMY

Common to

Paper I — (Old/New/Revised Regulations)

(Candidates admitted upto 2003–2004)

and

Paper I (for candidates admitted from 2004–2005 onwards)

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Describe the extrahepatic biliary apparatus.
Add a note on its applied importance. (20)

(2) Discuss rectus sheath. Add a note on its
evolution. (15)

(3) Describe the scalp under the following
headings :

- (a) Layers
- (b) Blood supply
- (c) Nerve supply
- (d) Applied aspects. (4 + 4 + 4 + 3 = 15)

II. Short notes : (6 × 5 = 30)

- (a) Ovary.
 - (b) Cavernous sinus.
 - (c) Pterygopalatine ganglia.
 - (d) Calcaneum.
 - (e) Internal iliac artery.
 - (f) Pouch of Douglas.
-

[KS 228]

Sub. Code : 2233

M.S. DEGREE EXAMINATION.

Branch V — Anatomy

GROSS ANATOMY

(Common to all candidates)

Q.P. Code : 222233

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 20 = 40)

- (1) Describe the Anatomy of stomach.
- (2) Describe the Anatomy of thyroid gland.

II. Short notes : (10 × 6 = 60)

- (1) Tonsil.
- (2) Posterior triangle of neck.
- (3) Cubital fossa
- (4) Paranasal air sinuses
- (5) Arches of foot

- (6) Uterine tube
 - (7) Rectus sheath
 - (8) Coronary arteries
 - (9) Pituitary gland
 - (10) External carotid artery.
-

September 2008

[KT 228]

Sub. Code: 2233

M.S. DEGREE EXAMINATION

Branch V – ANATOMY

Paper I – GROSS ANATOMY

(Common to all candidates)

Q.P. Code : 222233

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

2 X 20 = 40)

1. Describe the anatomy of larynx. Add a note on the mechanism of phonation.
2. Describe the gross anatomy of vermiform appendix. Add a note on its applied anatomy.

II. Write short notes on :

(10 X 6 = 60)

1. External jugular vein.
 2. Supination & pronation movements.
 3. Pericardial sinuses.
 4. Thoraco abdominal diaphragm.
 5. Ulnar nerve.
 6. Portal vein.
 7. Supracolic compartment of peritoneal cavity.
 8. Subphrenic spaces.
 9. Hyoglossus.
 10. Ethmoid bone.
-

March 2009

[KU 228]

Sub. Code: 2233

M.S. DEGREE EXAMINATION

**Branch V – ANATOMY
(Common to all candidates)
Paper I – GROSS ANATOMY
Q.P. Code : 222233**

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary.

I. Essay questions :

(2 x 20 = 40)

1. Classify erector spinae muscle. Describe the attachments, nerve supply and actions of each muscle group.
2. Describe the gross anatomy of the duodenum. Add a note on its applied anatomy.

II. Write short notes on :

(10 x 6 = 60)

1. Fibrous skeleton of heart.
2. Cutaneous blood supply of lower limb.
3. Superficial perineal pouch.
4. Interossei of hand.
5. Deep relations of sternocleidomastoid muscle.
6. Pleural reflections.
7. Fibromuscular anatomy of anal canal.
8. Sciatic nerve.
9. Movements at the shoulder joint.
10. Cervico-lympho-venous portals.

September 2009

[KV 228]

Sub. Code: 2233

M.S. DEGREE EXAMINATION

**Branch V – ANATOMY
(Common to all candidates)
Paper I – GROSS ANATOMY
Q.P. Code : 222233**

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary.

I. Essay questions :

(2 x 20 = 40)

1. Describe the gross anatomy of prostate and its applied anatomy.
2. Describe the extra ocular muscles in detail. What are the effects of lesions of the nerves supplying these muscles?

II. Write short notes on :

(10 x 6 = 60)

1. Fascial spaces of Hand.
2. Vena azygos.
3. Intra capsular structures of knee joint.
4. Lymphatic drainage of breast.
5. Pterygo palatine ganglion – connections and branches.
6. Lesser sac of peritonium.
7. Sites of portosystemic anastamosis.
8. Carpometacarpal joint of thumb and movements of thumb.
9. Pharyngo tympanic tube.
10. Styloid apparatus.

March 2010

[KW 228]

Sub. Code: 2233

M.S. DEGREE EXAMINATION

**Branch V – ANATOMY
(Common to all candidates)
Paper I – GROSS ANATOMY
Q.P. Code : 222233**

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary.

I. Essay questions :

(2 x 20 = 40)

1. Describe the urinary bladder in detail.
2. Name the diaphragms of human body. Describe the pelvic diaphragm in detail.

II. Write short notes on :

(10 x 6 = 60)

1. Azygos vein.
2. Sensory nerve supply of face.
3. Movements of inversion and eversion and joints at which they occur.
4. Relations of right ureter.
5. Lateral wall of nose.
6. Ischiorectal fossa.
7. Arch of aorta.
8. Thoracolumbar fascia.
9. Anastomosis around wrist.
10. Perineal pouches.

MAY 2011

[KY 116]

Sub. Code: 2089

M.D. DEGREE EXAMINATION

BRANCH XXIII – ANATOMY

PAPER I – GROSS ANATOMY

Q.P. Code : 202089

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Essay :

Pages (Max.)	Time (Max.)	Marks (Max.)
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- | | | | |
|--|---|----|----|
| 1. Draw a diagram and describe the parts of the Extrahepatic biliary apparatus. Mention its applied anatomy. | 6 | 15 | 10 |
| 2. Describe the gross anatomy and secretomotor nerve supply and applied anatomy of the Parotid gland. | 6 | 15 | 10 |

II. Short Questions:

- | | | | |
|---|---|---|---|
| 1. Deltoid. | 3 | 8 | 5 |
| 2. Tendons of flexor digitorum profundus. | 3 | 8 | 5 |
| 3. Femoral canal. | 3 | 8 | 5 |
| 4. Tibialis anterior. | 3 | 8 | 5 |
| 5. Trigeminal ganglion. | 3 | 8 | 5 |
| 6. Retromandibular vein. | 3 | 8 | 5 |
| 7. Scalenus anterior muscle. | 3 | 8 | 5 |
| 8. Thyrohyoid membrane. | 3 | 8 | 5 |

III. Reasoning Out:

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. Left principal bronchus
a) narrower than right principal bronchus
b) Longer than right principal bronchus
c) More horizontal than right principal bronchus
d) Passes above arch of aorta
e) Passes in front of oesophagus. | 4 | 10 | 5 |
| 2. Nerves of the anterior abdominal wall
a) Pass in the plane between internal oblique and transverses abdominis
b) Include the lower five thoracic nerves
c) Include the lower six thoracic nerves
d) Include the iliohypogastric nerve
e) Include the ilioinguinal nerve. | 4 | 10 | 5 |

(PTO)

	Pages (Max.)	Time (Max.)	Marks (Max.)
3. Direct tributaries of the portal vein include a) Splenic vein b) Inferior mesenteric vein c) Superior mesenteric vein d) Left gastric vein e) Right gastric vein.	4	10	5
4. The latissimus dorsi can cause a) Extension of the shoulder joint b) Lateral rotation of the shoulder joint c) Adduction of the shoulder joint d) Retraction of the scapula e) Lateral rotation of the scapula.	4	10	5

IV. Very Short Answers :

1. Name two muscles enclosed by the clavipectoral fascia.	1	4	2
2. Name two branches of the genitofemoral nerve.	1	4	2
3. Name the terminal branches of the internal thoracic artery.	1	4	2
4. Name any two anterior relations of the epiploic foramen.	1	4	2
5. Name two muscles attached to the pterygomandibular raphe.	1	4	2
6. Name the terminal branches of the retromandibular vein.	1	4	2
7. Name two tributaries of the left renal vein.	1	4	2
8. Name the pulmonary veins on the left side.	1	4	2
9. Name the muscles forming the superomedial boundary of the popliteal fossa.	1	4	2
10. Name two actions of the flexor carpi ulnaris.	1	4	2

October 2011

[KZ 116]

Sub. Code: 2089

M.D. DEGREE EXAMINATION

BRANCH XXIII – ANATOMY

GROSS ANATOMY

Q.P. Code : 202089

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Essay :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Describe the Tympanic cavity in detail.	6	15	10
2. Describe the anatomical aspects of Biliary apparatus in detail.	6	15	10

II. Short Questions:

1. Midline structures of neck.	3	8	5
2. Hyoglossus muscle.	3	8	5
3. Bicipital aponeurosis.	3	8	5
4. Azygos vein.	3	8	5
5. Lobes of prostate.	3	8	5
6. Angles of Humeral torsion and femoral torsion.	3	8	5
7. Inter-ventricular septum.	3	8	5
8. Popliteal artery.	3	8	5

III. Reasoning Out:

1. Radiating pain in medial side of thigh.	4	10	5
2. Basilic vein is preferred for inserting a cardiac catheter.	4	10	5
3. Clicking sound in Temporo-mandibular joint while chewing.	4	10	5
4. Transverse incision in draining parotid abscess.	4	10	5

IV. Very Short Answers :

1. Name the features in interior of second part of Duodenum.	1	4	2
2. Mention the features of Trigone of Bladder.	1	4	2
3. Contents of superficial Perineal Pouch.	1	4	2
4. Bipennate muscle - Give four examples.	1	4	2
5. Law of ossification.	1	4	2
6. Enumerate the muscles supplied by deep branch of ulnar nerve.	1	4	2
7. Give the positions of semicircular canals.	1	4	2
8. Classify the synovial joints.	1	4	2
9. What is PIN syndrome?	1	4	2
10. Give the features of Infant trachea.	1	4	2

[LA 116]

Sub. Code: 2089

**M.D. DEGREE EXAMINATION
BRANCH XXIII – ANATOMY**

PAPER I – GROSS ANATOMY

Q.P. Code : 202089

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
I. Essay:			
1. Describe relations of Submandibular gland.	9	15	10
2. Describe Blood supply to Stomach.	9	15	10
II. Short Questions:			
1. Sural nerve in leg.	3	8	5
2. Popliteus muscle-Nerve supply and action.	3	8	5
3. Linorenal ligament- attachment.	3	8	5
4. Pectoralis minor muscle - origin and insertion.	3	8	5
5. Muscle attachment- Corocoid process.	3	8	5
6. Puborectalis sling attachment.	3	8	5
7. Median lobe of prostate - clinical importance.	3	8	5
8. Boundaries of Maxillary sinus.	3	8	5
III. Reasoning Out:			
Each of the following questions have a stem and are followed by five options. Mention whether the options are TRUE or FALSE <u>and</u> mention the REASON.			
1. CAVERNOUS SINUS			
a) situated in the zygomatic bone.			
b) it is an air sinus.			
c) related to pituitary gland.	5	10	5
d) has communication with ophthalmic veins.			
e) Thrombosis is dangerous.			
2. POPLITEUS			
a) Triangular in shape.			
b) Has intracapsular origin.			
c) Nerve supply has a peculiarity.	5	10	5
d) Inserted in to upper lateral surface of tibia.			
e) Helpful to unlock knee.			
3. FLEXOR DIGITORUM PROFUNDUS			
a) Superficial muscle.			
b) Has dual nerve supply.			
c) It is a multipennate muscle.			

(PTO)

- | | | | |
|--|---|----|---|
| d) It is related to interosseous membrane. | | | |
| e) It is a vestigial muscle. | 5 | 10 | 5 |

4. HEAD OF PANCREAS

- | | | | |
|---|---|----|---|
| a) Related to 4 th part of duodenum. | | | |
| b) Contain plenty of islets of langerhans. | | | |
| c) Supplied by pancreatico duodenal artery. | | | |
| d) Uncinate process is related. | | | |
| e) Develops from ventral bud. | 5 | 10 | 5 |

IV. Very Short Answers :

- | | | | |
|--|---|---|---|
| 1. Origin of Biceps Brachi | 1 | 4 | 2 |
| 2. Main 2 types of Joints. | 1 | 4 | 2 |
| 3. Termination of anterior tibial nerve. | 1 | 4 | 2 |
| 4. Parts of gallbladder. | 1 | 4 | 2 |
| 5. Parts of male urethra. | 1 | 4 | 2 |
| 6. Attachment of Falx Cerebellai | 1 | 4 | 2 |
| 7. Bones of nasal septum. | 1 | 4 | 2 |
| 8. Termination of azygos vein. | 1 | 4 | 2 |
| 9. Origin of great saphenous vein. | 1 | 4 | 2 |
| 10. Movement of interphalangeal joint. | 1 | 4 | 2 |

(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

[LE 116]

APRIL 2014

Sub. Code: 2089

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

Time : Three Hours

**Maximum : 100 marks
(2X10=20)**

I. Essay:

1. Classify the Dural venous sinuses and describe the relations of the Cavernous sinus.
2. Describe the blood supply and relations of pancreas.

II. Short Questions:

(8X5=40)

1. Serratus anterior- nerve supply and its action.
2. Costodiaphragmatic pleural recess.
3. Blood supply of Uterus.
4. Cutaneous innervation of dorsum of foot.
5. Trigone of urinary bladder.
6. Dorsal digital expansion of hand.
7. Thoracic duct - Formation, Course and Termination.
8. Name the True hamstrings and list out the criteria for it.

III. Reasoning Out:

(4X5=20)

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

1. Rise in Central Venous Pressure is directly transmitted to the liver because of specific nature of the IVC and hepatic veins.
2. Cardiac Pain is usually referred to the left shoulder and the medial aspect of the left upper limb.
3. Liver and lungs are the most common sites for secondary sarcomas.
4. Contraction of arrectores pilora muscles causes hairs to slope down and the sebaceous glands to secrete less.

IV. Very Short Answers:

(10X2=20)

1. Blood supply of a long bone.
2. Two examples of pivot joint.
3. Contents of Pudendal canal.
4. Two features of first rib.
5. Contents of anterior interventricular groove.
6. Components of Rotator cuff.
7. Muscles attached to the iliotibial tract.
8. Nerve supply of Flexor digitorum profundus.
9. Branches of Facial artery in the face.
10. Formation and Termination of External jugular vein.

[LF 116]

OCTOBER 2014

Sub. Code: 2089

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

Time : Three Hours

**Maximum : 100 marks
(2 x 10 = 20)**

I. Essay:

1. Describe in detail the intrinsic muscles of the larynx.
2. Describe the menisci, ligaments and movements of the knee joint.

II. Short Questions:

(8 x 5 = 40)

1. Deltoid ligament.
2. Superior constrictor.
3. Perineal membrane.
4. Prostatic part of male urethra.
5. Pericardium.
6. Maxillary air sinus.
7. Median nerve in the hand.
8. Linea aspera.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Prostatic carcinoma metastasizes to the skull and vertebral column.
2. In acute appendicitis, the pain is initially felt in the right iliac fossa.
3. The layer of loose areolar tissue is called the dangerous layer of scalp.
4. In thoracocentesis, the needle is inserted in the midaxillary line through the lower part of the sixth intercostal space.

IV. Very Short Answers:

(10 x 2 = 20)

1. Boundaries of femoral ring.
2. Two examples of fibrous joints.
3. Hilton's law.
4. Contents of posterior interventricular groove.
5. Scapulohumeral rhythm.
6. Clerygyman's knee.
7. Nerve supply of adductor magnus.
8. Branches of plantar arch.
9. Termination of retromandibular vein.
10. Two features of twelfth rib.

**M.D. DEGREE EXAMINATION
BRANCH XXIII – ANATOMY
PAPER I – GROSS ANATOMY**

Q.P.Code: 202089

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Essay:

(2 x 10 = 20)

1. Describe in detail the left Ventricle and its features.
2. Describe the carotid triangle with special relation to its boundaries, contents and applied anatomy.

II. Short Questions:

(8 x 5 = 40)

1. Subclavian triangle.
2. Trapezius muscle and its actions.
3. Superficial temporal artery.
4. Contents of infra temporal fossa.
5. Relations of head of pancreas.
6. Ligaments of ovary.
7. Supra clavicular nerve.
8. Sterno clavicular joint.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Facial artery is tortuous.
2. Long head of Biceps has an intra capsular origin.
3. Lumbar puncture is usually done at T12 level.
4. Liver Biopsy is usually done at the level of 6th intercostal space.

IV. Very Short Answers:

(10 x 2 = 20)

1. Ligaments attached to styloid process.
2. Quadrangular space of arm.
3. Branches of right coronary artery.
4. Anterior longitudinal ligament.
5. Septal Cartilage.
6. Oblique popliteal ligament.
7. External jugular vein.
8. Rotator cuff.
9. Branches of ulnar artery.
10. Contents of carotid sheath.

[LH 116]

OCTOBER 2015

Sub. Code: 2089

M.D. DEGREE EXAMINATION

BRANCH XXIII – ANATOMY

PAPER I – GROSS ANATOMY

Q.P. Code : 202089

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Essay:

(2 x 10 = 20)

1. Describe the temporomandibular joint.
2. Describe the supports of the uterus.

II. Short Questions:

(8 x 5 = 40)

1. Fibrous flexor sheath.
2. Deep part of submandibular gland.
3. Thoracic part of oesophagus.
4. Ophthalmic artery.
5. Obturator nerve.
6. Retrocaecal recess.
7. Otic ganglion.
8. Subtalar joint.

III. Reasoning Out:

(4 x 5 = 20)

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

1. The medial meniscus gets torn more easily than lateral meniscus.
2. Wounds of the face require suturing to heal.
3. Incisions over the parotid gland are made horizontally.
4. A chronic retropharyngeal abscess can track down into the axilla.

IV. Very Short Answers:

(10 x 2 = 20)

1. Boundaries of lumbar triangle.
2. Median cubital vein.
3. Parts of coracoclavicular ligament.
4. Pes anserinus.
5. Two structures related to ischial spine.
6. Muscles of third layer of sole.
7. Two features of fifth lumbar vertebra.
8. Lateral relations of palatine tonsil.
9. Branches from trunk of mandibular nerve.
10. Features of second rib.

[LI 116]

APRIL 2016

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 10 = 20)

1. Describe the blood supply of Heart in detail.
2. What are paired and unpaired sinus, write in detail about cavernous sinus?

II. Short Questions:

(8 x 5 = 40)

1. Superior Orbital fissure.
2. Ulnar Nerve in Palm.
3. Internal Carotid Artery.
4. Ligaments of Urinary Bladder.
5. Tympanic Antrum.
6. Structure of Pharynx.
7. Deltoid muscle and action.
8. Sub Phrenic spaces.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Supra Condylar Fracture of Humerus the median nerve is injured.
2. Dorello's canal is converted into a groove by Sphenomandibular ligament.
3. Passavant's ridge is present in the Pharyngeal wall.
4. In Amoebic Liver Abscess pain is radiated to the shoulder joint.

IV. Very Short Answers:

(10 x 2 = 20)

1. Oblique cord.
2. Deep cardiac plexus.
3. Ligament of left Venacava.
4. Cervical Rib.
5. Branches of Radial artery.
6. Struther's ligament.
7. Muscles attached to spine of sphenoid.
8. Semi Lunar Cartilage.
9. Content of Adductor Canal.
10. Ansacervicalis.

[LJ 116]

OCTOBER 2016

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 10 = 20)

1. Write in detail about Tympanic cavity.
2. Write in detail about Ischio Rectal Fossa.

II. Short Questions:

(8 x 5 = 40)

1. Duodenal Recess.
2. Maxillary Artery.
3. Parts of Parotid Gland.
4. Interior of Laryngeal Cavity.
5. Pterygo Palatine Ganglion.
6. Pivot type of radio ulnar Joint.
7. Sacral Plexus.
8. Arches of Foot.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Kocher's vein drains straight into External Jugular vein.
2. Pituitary tumour produces lesion of eye.
3. Contraction of orbicularis Occuli produces crow's feet.
4. Median cervical vein is due to union of both Anterior Jugular vein.

IV. Very Short Answers:

(10 x 2 = 20)

1. Tibial Collateral ligament.
2. Hamstring muscle.
3. Femoral ring.
4. Vincula
5. Axillary arch.
6. Foramen Winslow.
7. Angle of Lewis.
8. Ligament of Liver.
9. Diploic vein.
10. Bronchopulmonary segment.

[LK 116]

MAY 2017

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 10 = 20)

1. Describe the posterior mediastinum in detail.
2. Discuss in detail the Boundaries and contents of sub occipital triangle.

II. Short Questions:

(8 x 5 = 40)

1. Blood supply of mammary gland.
2. Hunter's canal.
3. Surfaces of liver.
4. Anal triangle.
5. Splenic artery.
6. Internal jugular vein.
7. Circular (sphincteric) muscles of the face.
8. Intra ocular muscles and their nerve supply.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Parotid gland obliterates the mandibulo mastoid furrow.
2. Shoulder joint is more unstable than hip joint.
3. Symphysis menti is a misnomer.
4. Left coronary artery is an end artery.

IV. Very Short Answers:

(10 x 2 = 20)

1. Carpal tunnel syndrome.
2. Supra meatal triangle.
3. Little's area.
4. Saphenous opening.
5. Menisci of knee joint.
6. Movements of sub talar joint.
7. Trans pyloric plane.
8. Coverings of spermatic cord.
9. Bare area of liver.
10. Define long bone.

[LL 116]

OCTOBER 2017

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 10 = 20)

1. Describe the blood supply of stomach.
2. Describe posterior triangle of neck.

II. Short Questions:

(8 x 5 = 40)

1. Popliteal fossa.
2. Elbow joint.
3. Interior of right ventricle.
4. Ulnar nerve in hand.
5. Gluteus maximus muscle.
6. Maxillary antrum and its boundaries.
7. Inferior thyroid artery.
8. Sternocleido mastoid muscle.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Vermiform Appendix is an essential organ for rabbits.
2. Deep fascia is absent in the abdomen.
3. Splenic artery is tortuous as spleen moves with respiration.
4. Inferior turbinate is a separate bone.

IV. Very Short Answers:

(10 x 2 = 20)

1. Types of epiphysis.
2. Types of cartilaginous joints.
3. Types of muscles.
4. Types of arteries.
5. Types of sinuses.
6. Types of plexuses.
7. Types of synovial joints.
8. Anatomical snuff box.
9. Attachment of popliteus.
10. Branches of superior mesenteric artery.

**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 uterus under the following headings
Parts, supports, relations, blood supply, lymphatic drainage and applied anatomy.
2. Describe temporomandibular joint under following headings
articular surfaces, ligaments, relations, arterial supply, movements and applied anatomy.

II. Short notes:

(10 x 5 = 50)

1. Median nerve in hand.
2. Extensor retinacula of lower limb.
3. Great saphenous vein.
4. Inversion and eversion of foot.
5. Superior mesenteric artery.
6. Pelvic diaphragm.
7. Maxillary sinus.
8. Trapezius muscle.
9. Cardiac plexus.
10. Bronchopulmonary segments.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Ligamentum arteriosum is attached to the arch of aorta distal to the origin of left subclavian artery.
2. Pain due to parotid swelling is exacerbated at meal time.
3. Varicocele is common on the right testis.
4. Pulled elbow is common in adults.

**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 hip joint under following headings
articular surfaces, ligaments, relations, arterial supply, movements and applied anatomy.
2. Describe parotid gland under following headings
external features, relations, structures present within, secretomotor pathway, development and applied anatomy.

II. Short notes:

(10 x 5 = 50)

1. Lymphatic drainage of mammary gland.
2. Extensor expansion.
3. Profunda femoris artery.
4. Locking and unlocking mechanism of knee joint.
5. Portal vein.
6. Perineal membrane.
7. Tonsillar fossa.
8. Cavernous sinus.
9. Typical intercostal nerve.
10. Superior mediastinum.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Superior radioulnar joint is a type of syndesmosis.
2. Hepatorenal pouch is the most dependant part of the peritoneal cavity in supine position above the pelvic brim.
3. Inferior gluteal nerve injury causes positive trendelenburg's sign.
4. During abdominal surgeries rectus abdominis muscle should be retracted laterally.

**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. Write an essay about the Ischiorectal fossa, its situation, shape and measurements, boundaries and subdivisions, contents and applied anatomy. Add a note on pudental Canal.
2. Write in detail about the arterial supply of the Heart. Add a note on coronary predominance in man and applied anatomy.

II. Short notes:

(10 x 5 = 50)

1. First rib.
2. Carpo metacarpal joint of thumb.
3. Lateral wall of nose.
4. 2nd part of duodenum.
5. Boundaries and contents of femoral triangle.
6. Structures passing through cavernous sinus.
7. Pterygo palatine ganglion.
8. Broad ligament of uterus.
9. Coverings of kidney.
10. Cutaneous innervations of dorsum of foot.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Wry neck due to shortening of sternohyoid muscle.
2. Vertigo may occur in normal individual due to excessive stimulation of semicircular ducts.
3. A tumour affecting upper lobe of lung may produce thoracic inlet syndrome causing hoarseness of voice.
4. The cremasteric muscle is supplied by the dorsal nerve of penis.

**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.

**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 in detail about elbow joint. Add a note on its applied anatomy
2. Describe in detail about the anatomy of parotid gland along with its clinical anatomy

II. Short notes:

(10 x 5 = 50)

1. Azygos system
2. Omental bursa
3. Tentorium cerebelli
4. Lacrimal apparatus
5. Age changes of mandible
6. Ligaments of larynx
7. Femoral sheath
8. Intercostal space
9. Cutaneous innervation of thigh
10. SubTalar joint

III. Reasoning Out:

(4 x 5 = 20)

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

1. Right and left Internal jugular vein unite to form brachiocephalic vein
2. Neck of hernia sac in indirect inguinal hernia lies lateral to inferior epigastric artery
3. Costocervical trunk takes origin from 2nd part of subclavian artery in left side
4. Lymphatics from entire uterus drain into pre & para –aortic lymph nodes

[LS 116]

NOVEMBER 2020
(OCTOBER 2020 SESSION)
M.D. DEGREE EXAMINATION
BRANCH XXIII – ANATOMY
PAPER I – GROSS ANATOMY

Sub. Code: 2089

Q.P. Code: 202089

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Describe in detail about knee joint. Add a note on its applied anatomy
2. Describe in detail about the pharyngeal musculature along with its clinical anatomy

II. Short notes:

(10 x 5 = 50)

1. Uterine ligaments
2. Lymphatic drainage of mammary gland
3. Syndesmosis
4. Ciliary body
5. Pericardium
6. Mesentery
7. Intercostal vessels
8. Cutaneous innervation of hand
9. Submandibular salivary gland
10. Lobes of prostate

III. Reasoning Out:

(4 x 5 = 20)

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

1. Costodiaphragmatic recess is the most dependent part of pleural sac.
2. Head of pancreas is related posteriorly to portal vein
3. Abduction of arm above 90degrees is by deltoid muscle
4. Tibialis posterior insertion helps to maintain transverse arch of foot

JULY 2021
(MAY 2021 SESSION)
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 morphology, relations, nerve supply of parotid gland with course of its duct and its surgical importance.
2. Write in detail the general arrangement of peritoneum in the abdomen and pelvis. Add a note on vascular supply, lymphatic drainage and innervation of peritoneum.

II. Short notes:

(10 x 5 = 50)

1. Fibrous flexor sheaths in upper limb.
2. Sacral plexus.
3. Exchange vessels.
4. Biomechanics of walking.
5. Cavity of larynx.
6. Position, action and nerve supply of intraocular muscles.
7. Bony labyrinth of inner ear.
8. Parts, position and arterial supply of conducting system of heart.
9. Hemiazygos and accessory hemiazygos vein.
10. Thoracic duct.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Range of extension is more at the radiocarpal joint while flexion is more at midcarpal joint.
2. In females, greater vestibular glands and its duct are situated in the vagina.
3. Adequate arterial anastomoses exist within the adventitia of the ureter.
4. Trephining of skull at parietal angle is the safest approach to enter cranial cavity.

[MD 1121]

NOVEMBER 2021
(OCTOBER 2021 SESSION)
M.D. DEGREE EXAMINATION
BRANCH XXIII – ANATOMY
PAPER I – GROSS ANATOMY

Sub. Code: 2089

Q.P. Code: 202089

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Describe the morphology, relations, nerve supply of submandibular salivary gland with course of its duct and its surgical importance.
2. Write in detail about the general arrangement of the peritoneal cavity in the abdomen and pelvis. Add a note on its clinical aspects.

II. Short notes:

(10 x 5 = 50)

1. Extensor expansion in upper limb.
2. Lumbar plexus.
3. Vascular shunts and anastomoses.
4. Biomechanics of knee.
5. Skeleton of larynx.
6. Components of Lacrimal system.
7. Membranous labyrinth of inner ear.
8. Fibrous skeleton of heart.
9. Azygos vein.
10. Cervical lymphovenous portal.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Lower ends of radius and ulna articulate with the proximal row of carpal bones at the wrist joint.
2. In male, Bulbourethral gland and its duct is situated in the deep perineal pouch.
3. Ureters provide hindrance during hysterectomy while ligating vessels and transecting ligaments.
4. External auditory canal, Mastoid process and its antrum in neonatal skull is well developed similar to an adult skull.

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

[MD 0522]

MAY 2022

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. Write an essay about the structures forming the intermediate tunic of the eye ball.
2. Write in detail about the portal vein, its formation, course, relations and tributaries. Add a note on Porta – Caval anastomosis.

II. Short notes:

(10 x 5 = 50)

1. Axillary group of lymph nodes.
2. Flexor retinaculum of palm with its applied importance.
3. Mylohyoid muscle and its relations.
4. Thyroid cartilage.
5. Lacrimal bone.
6. Lobes of Prostate.
7. Broad ligaments of uterus and its contents.
8. Umbilicus and its importance.
9. Base of heart.
10. Popliteal artery and genicular anastomosis.

III. Reasoning Out:

(4 x 5 = 20)

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

1. Scrotal temperature is about 4°C lower than that of abdomen.
2. Right bronchial vein drains into right superior Intercostal Vein.
3. S₁ and S₂ segments of spinal cord initiate dorsiflexion of foot.
4. The anterior wall of carotid sheath permits infection to spread laterally from retropharyngeal space.

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

[MD 1022]

OCTOBER 2022

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. Write an essay about the Temporo – Mandibular joint, its articular Surface, ligaments, relations, blood supply, nerve supply, movements and applied Anatomy.
2. Write in detail about the Vermiform Appendix with applied Anatomy.

II. Short notes:

(10 x 5 = 50)

1. Buccinator muscle.
2. Root of mesentery.
3. Anastomosis around elbow joint.
4. Azygos vein.
5. Deep fascia of Leg.
6. Nasopharynx.
7. Emissary veins.
8. Urogenital diaphragm.
9. Head of pancreas.
10. Pterygopalatine Ganglion.

III. Reasoning Out:

(4 x 5 = 20)

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

1. The wrist joint is supplied by deep branch of ulnar nerve.
2. Ossification of mandible is mostly membranous like clavicle.
3. Tensor tympani is supplied by facial nerve.
4. The summit of medial longitudinal arch is formed by trochlear upper surface of talus.

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.

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

[MD 1223]

**DECEMBER 2023
(OCTOBER 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 parts, surfaces, muscles, lymphatic drainage, arterial and nerve supply of the Tongue.
2. Describe the layers, subdivisions, recesses, blood supply and innervation of Pleura.

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

1. Ciliary ganglion.
2. Testes.
3. Ligaments of knee joint.
4. Dermal bone.
5. Blood and nerve supply of the duodenum.
6. Suboccipital triangle.
7. Innervation of the urinary bladder.
8. Laryngeal muscles.
9. Pelvic diaphragm.
10. Radiological analysis of the wrist of newborn.

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

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

1. The inferior radio-ulnar joint is a syndesmosis type of joint.
2. The parietal peritoneum is pain insensitive.
3. The crista galli is a part of the frontal bone.
4. The lymphatics of the skin of scrotum drain directly into the deep inguinal lymph nodes.
