

[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 joint
 - (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.
-

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 Theory : 80 marks
forty minutes

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) Dolico pelvic pelvis.
- (c) Coverings of the kidney.
- (d) Ligaments of penis.

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

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 Theory : 80 marks
forty minutes

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 Theory : 80 marks
forty minutes

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 sternocleido mastoid muscle.
6. Pleural reflections.
7. Fibromuscular anatomy of anal canal.
8. Sciatic nerve.
9. Movements at the shoulder joint.
10. Cervico-lympho-venuous 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 Time Marks
(Max.) (Max.) (Max.)

- | | | | |
|--|---|----|----|
| 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 4th 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

I. Essay:

(2X10=20)

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

I. Essay:

(2 x 10 = 20)

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.
