

[KD 501]

Sub. Code : 4001

FIRST M.B.B.S. DEGREE EXAMINATION.

(Revised Regulations)

(Non-Semester)

Paper II — ANATOMY — II

Time : Three hours

Maximum : 50 marks

Two and a half hours

Theory : 35 marks

for Theory and 30 minutes

MCQ : 15 marks

for MCQ

MCQ must be answered separately on the  
answer sheet provided.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

1. Describe the pituitary gland and its development.  
(5 + 5 = 10)
2. Write briefly on : (10 × 2½ = 25)
  - (a) Middle meatus of the nose
  - (b) Levator palpebrae superioris muscle
  - (c) Calcarine sulcus

- (d) Vocal folds
- (e) Broncho pulmonary segments
- (f) Development of interatrial septum
- (g) Superior vena cava
- (h) Sternal angle
- (i) Facial artery
- (j) Development of palate.

[KD 501 A]

Sub. Code : 4052

FIRST M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper II — ANATOMY — II

Time : Three hours

Maximum : 100 marks

Two and a half hours

Theory : 70 marks

for Theory and 30 minutes

M.C.Q. : 30 marks

M.C.Q. must be answered separately on the answer sheet provided as per the instructions on the first page.

Draw diagrams wherever necessary.

Answer ALL questions.

1. Describe the origin, insertion, relations, nerve supply and action of muscles of mastication.

(3 + 3 + 4 + 2 + 3 = 15)

2. Write short notes on :

(4 × 5 = 20)

(a) Sinuses of pericardium

(b) Cervical pleura

(c) Internal mammary artery

(d) Recurrent Laryngeal nerve.

Classify the white fibres of cerebrum and write in detail about internal capsule and its applied anatomy.

(3 + 9 + 3 = 15)

4. Write short notes on :

(4 × 5 = 20)

(a) Microscopic structure of Tongue

(b) Cleft Palate

(c) Tympanic membrane

(d) Draw a neat labelled diagram of Mid-brain at superior collicular level.

[KE 509]

Sub. Code : 4009

FIRST M.B.B.S. DEGREE EXAMINATION.

(New Regulations)

Part II

Paper I — ANATOMY — II

Time : Three hours                      Maximum : 100 marks  
Two and a half hours                  Sec. A & Sec. B : 70 marks  
for Sec. A and Sec. B                  Section C : 30 marks

Section C must be answered separately on the answer sheet provided as per the instructions on the first page.

Answer ALL questions.

SECTION A

1. Describe scalp in detail. Add a note on its clinical significance. (15)
2. Write briefly on : (4 × 5 = 20)
  - (a) Sulci and gyri on superolateral surface of brain.
  - (b) Floor of IV<sup>th</sup> ventricle.
  - (c) Hyoglossus muscle.
  - (d) Ciliary ganglion.

SECTION B

3. Describe the thyroid gland in detail. Give an account of its blood supply and clinical significance. (15)
4. Write briefly on : (4 × 5 = 20)
  - (a) Root of right lung
  - (b) Costodiaphragmatic recess
  - (c) Histology of submandibular gland
  - (d) Development of pituitary gland.

[KE 501 A]

Sub. Code : 4052

FIRST M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper II — ANATOMY — II

Time : Three hours                      Maximum : 100 marks

Theory : Two and a half hours              Theory : 70 marks

M.C.Q. : Half an hour                      M.C.Q. : 30 marks

MCQ must be answered separately on the answer sheet provided as per the instructions on the first page.

Draw diagrams wherever necessary.

Answer ALL questions.

1. Mention and classify dural venous sinuses. Describe the cavernous sinus giving its tributaries, connections, relations, contents and applied aspects.

(2 + 2 + 2 + 2 + 4 + 2 + 1 = 15)

2. Write short notes on : (4 × 5 = 20)

- (a) Blood vessels of the heart
- (b) Orbicularis oculi
- (c) First part of subclavian artery
- (d) Ansa cervicalis.

3. Give the formation of circle of willis. Draw diagrams of superolateral, medial and inferior surfaces of the cerebrum showing the arteries supplying them.

(6 + 3 + 3 + 3 = 15)

4. Write short notes on : (4 × 5 = 20)

- (a) Microscopic structure of parotid gland
- (b) Development of tongue
- (c) Auditory tube
- (d) Cross section of the spinal cord demarcating the tracts at the mid-thoracic level.

[KE 513]

Sub. Code : 4013

FIRST M.B.B.S. DEGREE EXAMINATION.

(Revised Regulations)

Part II

Paper I — ANATOMY — II

Time : Three hours                      Maximum : 100 marks

Two and a half hours                  Sec. A & Sec. B : 70 marks

for Sec. A and Sec. B                  Section C : 30 marks

Section C must be answered separately on the answer sheet provided as per the instructions on the first page.

Answer ALL questions.

SECTION A

1. Describe the facial nerve under the following headings :

- (a) Origin
- (b) Course and relations
- (c) Branches
- (d) Applied anatomy.                  (2 + 6 + 5 + 2 = 15)

2. Write briefly on :

- (a) Development and microscopic structure of the palatine tonsil.
- (b) Internal jugular vein.
- (c) Neural tube.
- (d) Section of medulla oblongata at mid olivary level.    (4 × 5 = 20)

SECTION B

3. Describe the submandibular gland under the following headings :

- (a) Location and parts
- (b) Relations
- (c) Blood supply
- (d) Nerve supply
- (e) Lymphatic drainage
- (f) Microscopic structure
- (g) Development
- (h) Applied anatomy.                          (3 + 3 + 2 + 1 + 1 + 2 + 2 + 1 = 15)

4. Write briefly on :

- (a) Development and blood supply of cerebellum
- (b) Medical longitudinal fasciculus
- (c) Second branchial arch
- (d) Dural folds.    (4 × 5 = 20)

[KE 513]

MARCH - 2002

[KG 501 A]

Sub. Code : 4052

FIRST M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper II — ANATOMY — II

Time : Three hours

Maximum : 100 marks

Theory : Two and a half hours

Theory : 70 marks

M.C.Q. : Half an hour

M.C.Q. : 30 marks

MCQ must be answered separately on the answer sheet provided as per the instructions on the first page.

Draw diagrams wherever necessary.

Answer ALL questions.

1. Describe the boundaries and contents of Carotid triangle. (5 + 10 = 15)
2. Write short notes on : (4 × 5 = 20)
  - (a) Arch of Aorta
  - (b) First intercostal nerve
  - (c) Derivatives of first pharyngeal arch
  - (d) Inferior constrictor muscle.

3. Describe the arterial supply and important functional areas on the superolateral surface of the cerebrum. (3 + 12 = 15)

4. Write short notes on : (4 × 5 = 20)

- (a) Microscopic structure of lung
- (b) Maxillary sinus
- (c) Ansa Cervicalis
- (d) External acoustic meatus.



[KL 501]

Sub. Code : 4052

FIRST M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper II — ANATOMY — II

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.

I. Write Essay :                                      (2 × 15 = 30)

(1) Describe the lungs under the following headings. External features, Fissures and lobes, Bronchopulmonary segments and Applied anatomy.

(2) Describe the parotid gland under the following headings. External features and relations, structures lying within the gland, Nerve supply and Applied anatomy.

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

- (a) Arch of Aorta.
- (b) Corpus Striatum.
- (c) Labeled diagram of section of Pons at the level of facial colliculus.
- (d) Oculomotor nerve.
- (e) Hyoglossus muscle.
- (f) Lateral wall of nasal cavity.
- (g) Thyroid gland.
- (h) Microscopic structure of Cerebellum.
- (i) Derivatives of 3rd and 4th Pharyngeal pouches.
- (j) Development of Neural tube.



[KM 501]

Sub. Code : 4052

FIRST M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper II — ANATOMY — II

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 Essay :                                      (2 × 15 = 30)

(1) Describe the parts, relations, constituents fibres blood supply and applied anatomy of internal capsule.

(2) Describe Thoracic Diaphragm under the following headings : parts

Attachments, major and minor openings, blood supply, nerve supply, actions and applied anatomy.

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

- (a) Muscles of the tongue
- (b) Microscopic structure of trachea
- (c) Vocal cords
- (d) Microscopic structure and development of palatine tonsil
- (e) Hilum of the Lungs
- (f) Dentate nucleus
- (g) Boundaries of the Tympanic cavity
- (h) Styloid process
- (i) Klinefelters syndrome
- (j) Pleural recesses

[KN 501]

Sub. Code : 4052

FIRST M.B.B.S. DEGREE EXAMINATION

(Non-Semester)

(Revised Regulations)

Paper II — ANATOMY — II

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.

I. Write Essay : (2 × 15 = 30)

(1) Write about coronary circulation. Mention the origin, course, distribution, branches, termination, anastomosis and clinical importance.

(2) Describe extra-ocular muscles - Enumerate. Give an account of their attachments, nerve supply actions and applied anatomy.

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

- (a) Nasal septum
- (b) Down's syndrome
- (c) Histology of hypophysis cerebri or pituitary gland
- (d) Circle of Willis
- (e) Microscopic structure of the lung
- (f) Tympanic membrane
- (g) Second branchial arch
- (h) Chorda tympani nerve
- (i) Amnion
- (j) Lateral pterygoid muscle.

[KO 501]

Sub. Code : 4052

FIRST M.B.B.S. DEGREE EXAMINATION.

Revised (Non-Semester) Regulations

Paper II — ANATOMY — II

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 essay :                                      (2 × 15 = 30)

(1) Define a typical intercostal nerve. Describe its course and distribution. Add a note on its clinical importance.

(2) Describe parotid gland under following headings :

- (i) Extension
- (ii) Features
- (iii) Relations
- (iv) Innervations
- (v) Applied aspects.

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

- (a) Blood and nerve supply of scalp
- (b) Histology of palatine tonsil
- (c) Development of inter atrial septum
- (d) Circle of Willis
- (e) Lacrimal apparatus
- (f) Turner's syndrome
- (g) External jugular vein
- (h) Histology of cerebellum
- (i) Sterno cleido mastoid
- (j) Development of tongue.

August-2006

[KP 501]

Sub. Code : 4052

II. Write short notes on :

(6 × 5 = 30)

FIRST M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper II — ANATOMY — II

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.

I. Write Essay :

(1) Describe the internal capsule of Brain under the following heading : Position, divisions, constituent fibres, blood supply and applied anatomy. (20)

(2) Describe the heart under the following headings : Position, coverings, internal features, conducting and skeletal systems and applied anatomy. (15)

(3) Describe the pharynx under the following headings : Extent, divisions, internal features, musculature, structures related and applied anatomy. (15)

- (a) Bronchopulmonary segments.
- (b) Fate of Aortic arches.
- (c) Hyoglossus muscle.
- (d) Cerebellar peduncles.
- (e) Lateral wall of nose.
- (f) Microscopic structure of ganglion (Spinal and Sympathetic).

[KQ 501]

Sub. Code : 4052

FIRST M.B.B.S. DEGREE EXAMINATION.

Revised (Non-Semester) Regulations

Paper II — ANATOMY — II

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 essay :

(1) Describe the Thyroid gland under the following headings : (a) Gross Anatomy (b) Microscopic Anatomy (c) Applied Anatomy (d) Development. (20)

(2) Describe the facial nerve under the following headings : (a) Origin and termination (b) Course and relation (c) Branches (d) Applied anatomy. (15)

(3) Describe the Broncho pulmonary segments under the following headings : Definition, numbers, blood supply, nerve supply and applied anatomy. (15)

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

(a) Structures derived from mesoderm of second Branchial arch.

(b) Microscopic structure of submandibular salivary gland.

(c) Falx cerebri.

(d) Styloid apparatus.

(e) Circle of Willis.

(f) Pericardium.



FEBRUARY 2008

[KS 501]

Sub. Code : 4052

FIRST M.B.B.S. DEGREE EXAMINATION.

Revised (Non-Semester) Regulations

Paper II — ANATOMY — II

Q.P. Code : 524052

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.

1. Describe the muscles of mastication under the following headings : (15)

- (a) Origin
- (b) Insertion
- (c) Relations
- (d) Nerve supply
- (e) Action.

2. Describe the blood supply and venous drainage of the heart. (15)

3. Write short notes on :

(10 × 5 = 50)

- (a) Histology of oesophagus.
- (b) Tonsil.
- (c) Derivatives of II pharyngeal arch.
- (d) Lumbar puncture.
- (e) Vocal cords.
- (f) Lacrimal apparatus.
- (g) Paranasal air sinuses.
- (h) Blood supply to the thyroid gland.
- (i) Middle meningeal artery.
- (j) Karyotyping chromosomes.