

APRIL - 2001

[KD 500 A]

Sub. Code : 4051

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

(Non-Semester)

(Revised Regulations)

Paper I — ANATOMY — I

Time : Three hours Maximum : 100 marks

Theory : Two and a half hours Theory : 70 marks

MCQ : Half an hour MCQ : 30 marks

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

1. Describe the gross anatomy, blood supply, relations, Lymphatic drainage and applied aspect of stomach. (3 + 2 + 4 + 3 + 3 = 15)

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

- (a) Blood supply of long bone
- (b) Primitive streak
- (c) Histology of hyaline cartilage
- (d) Lumbrical muscles of hand.

3. Describe gross anatomy, blood supply, lymphatic drainage and applied aspect of mammary gland. (5 + 3 + 4 + 3 = 15)

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

- (a) Microscopic structure of liver
- (b) Deep peroneal nerve
- (c) Development of pancreas
- (d) Subtalar joint.

[KE 511]

Sub. Code : 4011

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

(Revised Regulations)

Part I

Paper I — ANATOMY — I

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 shoulder joint under the following headings :

- (a) Articulating parts
- (b) Ligaments
- (c) Synovial sheath and the bursae around the joint
- (d) Movements and muscles producing them
- (e) Applied anatomy. (2 + 2 + 3 + 6 + 2 = 15)

2. Write briefly on :

- (a) Adductor canal
- (b) Pericardial sinuses
- (c) In vitro fertilization
- (d) Sex linked inheritance. (4 × 5 = 20)

SECTION B

3. Describe the right kidney under the following headings :

- (a) Coverings
- (b) Relations
- (c) Blood supply
- (d) Surface marking on the back
- (e) Functional unit and its microscopic structure
- (f) Development and developmental anomalies.
- (g) Applied anatomy. (2 + 4 + 2 + 2 + 2 + 2 + 1 = 15)

4. Write briefly on :

- (a) Microscopic structure of the lung.
- (b) Deep perineal pouch.
- (c) Descent of Testis.
- (d) Internal vertebral venous plexus. (4 × 5 = 20)

[KE 500 A]

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

(Non-Semester)

(Revised Regulations)

Paper I — ANATOMY — I

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 instructions on the first page.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

1. Describe the origin, insertion, action, openings, features, development, blood supply and nerve supply of the diaphragm. (2 + 2 + 2 + 2 + 3 + 2 + 1 + 1 = 15)

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

- (a) Notochord
- (b) A typical synovial joint
- (c) Histology of bone
- (d) Anatomical snuff box.

3. Describe the arches of foot under the following headings : types, purpose, factors supporting the arch system and applied anatomy. (2 + 2 + 8 + 3 = 15)

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

- (a) Microscopic structure of adrenal gland
- (b) The radial nerve in the spiral groove
- (c) Rotation of gut
- (d) Carpometacarpal joint of the thumb.

[KG 500 A]

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(Non-Semester)

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Paper I — ANATOMY — I

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 instructions on the first page.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

1. Describe the surfaces, relations, blood supply, development and microscopic appearance of urinary bladder. (3 + 3 + 2 + 3 + 4 = 15)

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

(a) Synovial joints

(b) Somites

(c) Histology of skeletal muscle

(d) Great Saphenous vein.

3. Describe the formation, parts, relations, branches and applied anatomy of Brachial plexus.

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

4. Write short notes on :

(4 × 5 = 20)

(a) Inguinal canal

(b) Gluteus medius muscle

(c) Popliteal artery

(d) The Diaphragm.

[KJ 500]

Sub. Code : 4051

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

(Non-Semester)

(Revised Regulations)

Paper I — ANATOMY — I

Time : Three hours Maximum : 100 marks
Theory : Two hours and Theory : 80 marks
 forty minutes
MCQ : Twenty minutes MCQ : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Describe the Arches of the foot under the following headings :

Types, Factors responsible for their maintenance, Functions and Applied Anatomy.

(2) Describe the Urinary Bladder under the following headings :

External and Internal features, Relations, Nerve supply and Applied anatomy.

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

- (a) Microscopic structure of bone in transverse section
- (b) Intraembryonic mesoderm
- (c) Brachial artery
- (d) Muscles of Rotator cuff of shoulder
- (e) Tibial Collateral ligament
- (f) Rectus Sheath
- (g) Spleen
- (h) Ischiorectal fossa
- (i) Development of testis
- (j) Microscopic structure of pancreas.

[KL 500]

Sub. Code : 4051

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

(Non-Semester)

(Revised Regulations)

Paper I – ANATOMY — I

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 Hip joint under the following headings :

Articular surfaces, Ligaments, Movements and muscles producing the movements and applied anatomy.

(2) Describe the uterus under the following headings :

Normal position, External features, Supports, Peritoneal and Visceral relations and applied anatomy.

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

- (a) Microscopic structure of mixed salivary gland
- (b) Yolk sac
- (c) Ulnar nerve in the hand
- (d) Structures under cover of deltoid muscle
- (e) Inguinal lymph nodes
- (f) Portal vein
- (g) Ureter
- (h) Perineal body
- (i) Microscopic structure of duodenum
- (j) Development of kidney.

[KM 500]

Sub. Code : 4051

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

Non-Semester

(Revised Regulations)

Paper I — ANATOMY — I

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. Write Essay : (2 × 15 = 30)

(1) Write about Brachial Plexus under the following headings formation, relations, branches and its clinical significance.

(2) Describe Anal Canal Parts Position, Interior relations, Blood supply, Lymphatic drainage and applied aspects.

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

- (a) Corpus luteum.
- (b) Mid gut rotation.
- (c) Microscopic structure of spleen.
- (d) Femoral Sheath.
- (e) Trigone of the bladder.
- (f) Development of Pancreas.
- (g) Pronation and supination.
- (h) Cutaneous nerve supply of the foot.
- (i) Perineal membrane.
- (j) Lesser sac.

August-2005

[KN 500]

Sub. Code : 4051

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

(Non-Semester)

(Revised Regulations)

Paper I — ANATOMY — I

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 Arches of the foot under following headings : Name the arches and their constitution factors maintaining them applied aspects.

(2) Describe the extra hepatic Biliary Apparatus Parts, Position, Peritoneal and Visceral relations, Blood supply and applied anatomy.

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

- (a) Microscopic structure of appendix
- (b) Meckel's diverticulum

- (c) Inferior mesenteric artery
- (d) Great saphenous vein
- (e) Primitive streak
- (f) First carpo-metacarpal joint
- (g) Microscopic structure of bone
- (h) Pelvic diaphragm
- (i) Lymphatic drainage of the mammary gland
- (j) Radial nerve in the spiral groove.

February-2006

[KO 500]

Sub. Code : 4051

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

Revised (Non-Semester) Regulations

Paper I — ANATOMY — I

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. Write essay : (2 × 15 = 30)

(1) Describe the extension, the bed, blood supply and lymphatic drainage, of mammary gland. Add a note on its clinical importance.

(2) Describe the formation termination course, tributaries and relations of portal vein.

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

(a) Microscopic anatomy of fundus of stomach

(b) Anastomosis around elbow

(c) Femoral sheath

(d) Congenital anomalies of kidney

(e) Histology of compact bone

(f) Triceps brachii

(g) Second part of duodenum

(h) Trigone of urinary bladder

(i) Great saphenous vein

(j) Yolk sac.

[KP 500]

Sub. Code : 4051

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

Revised (Non-Semester) Regulations

Paper I — ANATOMY — I

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 pancreas under the following headings : (20)

- (a) Morphology
- (b) Relations
- (c) Microscopic anatomy
- (d) Development
- (e) Clinical anatomy.

(2) Describe the shoulder joint under the following headings : Definition, articular surfaces, ligaments, movements and muscles causing the movements and applied anatomy. (15)

(3) Describe the uterus under the following headings : Position, Parts, Supports, Structure, arterial supply and applied anatomy. (15)

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

- (a) Microscopic structure of hyaline cartilage.
- (b) Prostatic part of urethra.
- (c) Adductor canal.
- (d) Paramesonephric duct.
- (e) Clavipectoral fascia.
- (f) Deep peroneal nerve.

[KQ 500]

Sub. Code : 4051

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

Revised (Non-Semester) Regulations

Paper I — ANATOMY — I

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. Write Essay :

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

- (a) Location and Extent
- (b) Relations
- (c) Blood supply
- (d) Microscopic anatomy
- (e) Development
- (f) Applied anatomy.

(2) Describe the Axillary artery under the following headings : (15)

- (a) Origin and termination
- (b) Course
- (c) Relations
- (d) Branches.

(3) Describe the sciatic nerve under the following headings : (15)

- (a) Origin and termination
- (b) Course
- (c) Relations
- (d) Branches and applied anatomy.

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

- (a) Microscopic structure of Ovary.
- (b) Spermato genesis.
- (c) Boundaries and contents of quadrangular space.
- (d) Types of Epiphysis with examples.
- (e) Femoral sheath-formation, contents and applied anatomy.
- (f) Carpo-Metacarpal joint of thumb.

[KR 500]

Sub. Code : 4051

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

Revised (Non-Semester) Regulations

Paper I — ANATOMY — I

Time : Three hours Maximum : 100 marks

**Descriptive : Two hours and Descriptive : 80 marks
forty minutes**

Objective : Twenty minutes Objective : 20 marks

Answer ALL questions.

Draw diagrams wherever necessary.

1. Describe the arches of foot under the following headings. (15)

- (a) Bones forming
- (b) Factors maintaining
- (c) Applied Anatomy.

2. Describe the stomach under the following headings (15)

- (a) Location and position
- (b) Parts and relations
- (c) Blood supply
- (d) Microscopic and Applied anatomy.

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

- (a) Development of pancreas
- (b) Cruciate ligaments of knee joint
- (c) Microscopic structure of kidney
- (d) Sesamoid Bone.
- (e) Median nerve in hand
- (f) Lymphatic drainage of stomach
- (g) Adductor canal
- (h) Descent of Testis
- (i) Anastomosis around elbow joint
- (j) Development of urinary Bladder.

FEBRUARY 2008

[KS 500]

Sub. Code : 4051

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

Revised (Non-Semester) Regulations

Paper I — ANATOMY — I

Q. P. Code : 524051

Time : Three hours

Maximum : 100 marks

Descriptive : Two hours and
forty minutes

Descriptive : 80 marks

Objective : Twenty minutes

M.C.Q. : 20 marks

Draw suitable diagrams wherever necessary

Answer ALL questions.

I. Write Essay :

1. Describe the hip joint under the following headings. (15)

- (a) Type of joint and bones taking part
- (b) Ligaments
- (c) Relations
- (d) Muscles producing the action.
- (e) Applied anatomy.

2. Describe the prostate under the following headings. (15)

- (a) Situation and lobes
- (b) Blood supply
- (c) Histology
- (d) Age changes
- (e) Applied anatomy.

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

- (a) Lesser sac.
- (b) Ischiorectal fossa
- (c) Mesentery.
- (d) Development of diaphragm.
- (e) Lumbrical muscles of the hand.
- (f) Cubital fossa.
- (g) ERB's paralysis.
- (h) Menstrual cycle.
- (i) Dorsalis pedis artery
- (j) Inguinal canal.