APRIL 1990

303

M.Sc. DEGREE EXAMINATION IN THE FACULTY OF MEDICINE FOR SCIENCE GRADUATES, APRIL 1990.

Preliminary

ANATOMY

(Common to ALL Branches)

Time : Three hours. Maximum : 100 marks.

Answer Questions 1 and 2 and any TWO of the rest.
All questions carry equal marks.
Illustrate your answers with suitable diagrams.

1. Write short notes on any *five* of the following :

(*a*) Nasal septum.
(*b*) Meckel's cartilage.
(*c*) Tentorium cerebelli.
(*d*) Axillary nerve.
(*e*) Circle of willis.
(*f*) Styloid process of the temporal bone.

2. Describe briefly any *five* of the following :

(*a*) Aqueduct of the mid-brain.
(*b*) Spermatic cord.
(*c*) Fertilization.
(*d*) Sphincters of the anal canal.
(*e*) Semilunar cartilages of the knee joint.
(*f*) Parotid duct.

3. Describe the Arterial supply and the venous drainage of the Heart.

4. Describe the Anatomy of the Tongue. Give its blood supply, nerve supply and lymphatic drainage. Add a note on its Histological structure and development.

5. Describe the mode of formation, course, relations and termination of the PORTAL VEIN. What are its tributaries. Enumerate the sites of Portacaval Anastomosis and give their significance.

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SEPTEMBER 1990

303

M.Sc. DEGREE EXAMINATION IN THE FACULTY OF MEDICINE FOR SCIENCE GRADUATES, SEPTEMBER 1990.

Preliminary

Paper I — ANATOMY

(Common to All Branches)

Time : Three hours. Maximum : 100 marks.

Answer questions 1 and 2 and any TWO of the rest.
All questions carry equal marks.
Illustrate your answers with suitable diagrams.

1. Write short notes on any *five* of the following :
   (*a*) Submandibular Ganglion.
   (*b*) Lymphatic drainage of the mammary gland.
   (*c*) Notochord.
   (*d*) Interosseous membrane of the forearm.
   (*e*) Interpeduncular fossa of the brain.
   (*f*) Pudendal canal.

2. Describe briefly any *five* of the following :
   (*a*) Graafian follicle.
   (*b*) Arachnoid granulations.
   (*c*) Prostatic portion of the male urethra.
   (*d*) Superior orbital fissure.
   (*e*) Uterine tube.
   (*f*) Inversion and Eversion of the foot.

3. Describe the position, relation, blood supply, nerve supply and development of the PAROTID GLAND. How will you mark its duct on the surface.

4. Give an account of the relation, peritoneal connections, blood supply, nerve supply and lymphatic drainage of the stomach — Add a note on its microscopic structure and development.

5. Describe the position, extent and relations of the TRACHEA — Describe its microscopic structure.

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APRIL 1991

409

M.Sc. DEGREE EXAMINATION IN THE FACULTY OF MEDICINE FOR SCIENCE GRADUATES, APRIL 1991.

Preliminary

Paper I — ANATOMY

(Common to All Branches)

Time : Three hours.

Answer Questions 1 and 2 and any TWO of the rest.

All questions carry equal marks.

Illustrate your answers with suitable diagrams.

1. Write short notes on any FIVE of the following :
   (a) Otic ganglion.
   (b) Axillary artery.
   (c) Primitive streak.
   (d) Spring ligament of foot.
   (e) Right atrium of heart.
   (f) Inguinal canal.

2. Describe briefly any FIVE of the following :
   (a) Chorion Frondosum.
   (b) Cavernous sinus.
   (c) Pelvic diaphragm.
   (d) Visceral surface of Liver.
   (e) Coeliac ganglion.
   (f) Tibialis posterior muscle.

3. Describe the Thyroid Gland, its blood supply, relations, lymphatic drainage and development.

4. Give an account of the Portal Vein. Name the areas of Proto-Caval anastomosis.

5. Describe the Internal Capsule of the Brain indicating the position of the varying projection fibres.

SEPTEMBER 1991

409

M.Sc. DEGREE EXAMINATION, SEPTEMBER 1991.

(Non-Clinical — Subjects for Science Graduates)

Preliminary

(Common to all branches)

Paper I — ANATOMY

Time : Three hours. Maximum : 100 marks.

Answer Questions 1 and 2 and any TWO of the rest.

All questions carry equal marks.

Illustrate your answers with suitable diagrams.

1. Write short notes on any *five* of the following :

(*a*) Allantois.

(*b*) Supinator muscle.

(*c*) The palatine tonsil.

(*d*) Structure of bone.

(*e*) Nephron.

(*f*) Obturator nerve.

2. Describe briefly any *five* of the following :

(*a*) Somites.

(*b*) Arches of foot.

(*c*) Arch of aorta.

(*d*) Inguinal hernia.

(*e*) External jugular vein.

(*f*) Histological structure of lymph node.

3. Describe the second part of the Duodenum, its relations, blood supply and development.

4. Describe the Broncho-Pulmonary segments of the right lung.

5. Write briefly on the Prostate Gland including its clinical significance.

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APRIL 1992

M.Sc. (NON CLINICAL) DEGREE EXAMINATION
APRIL, 1992

PRELIMINARY (COMMON TO ALL BRANCHES)

Paper I - ANATOMY

Time: Three hours Maximum Marks:100

Answer questions 1 & 2 and any two of the rest

All questions carry equal marks

1. Write short notes on any five of the following:
   a. Yolk sac
   b. Popliteus
   c. Cephalic vein
   d. Appendix
   e. Trachea
   f. Vocal cord

2. Describe briefly any five of the following:
   a. Cloaca
   b. Cavernous sinus
   c. Femoral artery
   d. Urogenital diaphragm
   e. Synovial joints
   f. Histology of thymus

3. Describe the blood supply of heart.

4. Describe the gross anatomy, blood suppl and lymphatic drainage of stomach.

5. Give the formation of brachial plexus Enumerate its branches and area of distribution.

APRIL 1995

[SB 322]

M.Sc. (Non-Clinical) DEGREE EXAMINATION.

Preliminary (Common to All Branches)

Paper I — ANATOMY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

1. Describe in detail the Gross Anatomy of the suprarenal glands including the blood supply and development. Write briefly about the micro anatomy of the same. (20)

2. Give an account of the Anatomy of rectum and anal canal. Mention the blood supply nerve supply and development. Add a note on the surgical anatomy of the above region. (20)

3. Describe the nuclear origin, functional components, course, relations, branches of Facial Nerve. Add a note on the communications of the facial nerve in the face. Mention about the clinical significance of the above nerve. (20)

4. Write briefly on any FOUR : (4 × 5 = 20)

   (a) Deep perineal pouch.

   (b) Ansa Cervicalis.

   (c) Histology of Thymus.

   (d) Claw Hand.

   (e) Posterior Mediastinum

5. Write briefly on any FOUR : (4 × 5 = 20)

   (a) Cervical rib.

   (b) Femoral Canal.

   (c) Palmar spaces.

   (d) Metachromasia.

   (e) Cadaveric transplantation.

OCTOBER 1996

PK 219

M.Sc.(Non-Clinical) DEGREE EXAMINATION

Preliminary (Common to All Branches)

Paper I - ANATOMY

Time: Three hours Max.marks:100

Answer All Questions

All Questions carry equal marks.

1. Describe in detail the gross anatomy of the pituitary gland including its blood supply, development and micro anatomy. Add a note on its applied anatomy. (20)

2. Give an account of the anatomy of the Duodenum giving its blood supply, nerve supply and development. Add a note on the surgical anatomy of the Duodenum. (20)

3. Describe in detail the Basal ganglia giving their blood supply, connections and applied anatomy. (20)

4. Write briefly on any FOUR: (4x5=20)

   (a) Histology of retina
   (b) Calcar Femorale
   (c) Fallot's tetralogy
   (d) Membrana tectoria
   (e) Anal sphincters

5. Write briefly on any FOUR: (4x5=20)

   (a) Cloaca
   (b) Olfactory bulb
   (c) Innervation of parotid gland
   (d) Dermatoglyphics
   (e) Special staining techniques for proteins

APRIL 1997

MP 284

M.Sc.(Non-Clinical) DEGREE EXAMINATION

Preliminary (Common to all branches)

Paper I - ANATOMY

Time: Three hours Max. marks: 100

Answer All Questions

All questions carry equal marks

1. Describe the covering,blood supply, lymphatic drainage and microscopic structure of testis. (20)

2. Give an account of the right atrium of the heart. How does it develop? (20)

3. Write briefly on the extra ocular muscles, their nerve supply and actions. (20)

4. Write briefly on any FOUR: (4x5=20)

   (a) Neural tube
   (b) Hilum of lung
   (c) Cystic duct
   (d) Ciliary ganglia
   (e) Coronary sinus.

5. Write briefly on any FOUR: (4x5=20)

   (a) Septum of nose
   (b) Chorion
   (c) Right suprarenal gland
   (d) Microscopic structure of stomach
   (e) Perineal membrane.

APRIL 2000

[226]

M.Sc. (Non–Clinical) DEGREE EXAMINATION.

Preliminary (Common to all branches)

Paper I — ANATOMY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

1. Describe the Middle ear cavity and add a note on its applied anatomy. (20)

2. Describe the gross anatomy, blood supply, lymphatic drainage and applied anatomy of mammary gland. (20)

3. Describe the relations, blood supply, histology and applied anatomy of pancreas. (20)

4. Write briefly on any FOUR : (4 × 5 = 20)

   (a) Desent of Testis

   (b) Relations of kidney

   (c) Supports of uterus

   (d) Histology of Lung

   (e) Femoral sheath.

5. Write briefly on any FOUR : (4 × 5 = 20)

   (a) Coronary arteries

   (b) Lower end of Femur

   (c) Notochord

   (d) Thymus

   (e) Inversion and Eversion.

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