

FIRST B.H.M.S. DEGREE EXAMINATION

(Regulations 2004-2005 onwards)

Pattern 5

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

I. Long Essay: (Answer any TWO questions) (2 x 15 = 30)

1. Classify DURAL VENOUS SINUSES. Describe about CAVERNOUS SINUS.
2. Describe in detail about Axillary artery.
3. Describe the boundaries, contents and applied anatomy of MIDDLE EAR.

II. Short notes on: (Answer any TEN questions) (10 x 5 = 50)

1. Superior oblique muscle of eye ball.
2. Cubital fossa.
3. Biceps brachii.
4. Axillary nerve.
5. Carotid triangle.
6. Ligaments of Shoulder joint.
7. Superficial palmar arterial arch.
8. Rhomboid fossa.
9. Constrictor muscles of pharynx.
10. Distribution of Facial nerve on face.
11. Deltoid muscle.
12. Middle meatus of nasal cavity.

III. Write Short answers : (Answer ALL questions) (10 x 2 = 20)

1. Characteristic features of Clavicle.
2. Characteristic features of Synovial joint.
3. Root value of Brachial plexus.
4. Contents of Axilla.
5. Name the extra ocular muscles.
6. Name the muscles of mastication.
7. Origin and insertion of Sterno cleido mastoid muscle.
8. Nerve supply of Brachialis muscle.
9. Structures under cover of Trapezius muscle.
10. Arteries taking part in circles of Willis.

[KV 1230]

AUGUST 2009

Sub. Code: 1230

FIRST B.H.M.S. DEGREE EXAMINATION

(Regulations 2004-2005 onwards)

Pattern 5

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

I. Long Essay: (Write any TWO of the following) (2 x 15 = 30)

1. Write in detail about the formation, relations, branches and applied anatomy of brachial plexus.
2. Describe in detail about the triangles of neck.
3. Describe in detail about the eye ball and Trace the optic Pathway.

II. Short notes: (Answer any TEN of the following) (10 x 5 = 50)

1. Axilla.
2. Cubital Jassa.
3. Superficial Palmar arch.
4. Flexor digiformis profundus.
5. Cephalic vein.
6. Ansa cervicalis.
7. Pituitary gland.
8. Cavernous venous sinus.
9. Circle of willis.
10. Tonsil.
11. External jugular vein.
12. Sternocleido mastoid muscle.

III. Write Short answers : (Answer ALL questions) (10 x 2 = 20)

1. Quadrangular space.
2. Sub areolar plexus of sappy.
3. Radial tuberosity.
4. Palmar aponeurosis.
5. Ear ossicles.
6. Frontal sinus.
7. Otic ganglion.
8. Name the muscles of tongue.
9. Parotid duct.
10. Foramen magnum.

[KW 1230]

FEBRUARY 2010

Sub. Code: 1230

FIRST B.H.M.S. DEGREE EXAMINATION

(Regulations 2004-2005 onwards)

Pattern 5

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

I. Essay:

(2 x 15 = 30)

1. Describe in detail about the Axillary artery, it's parts, relations and branches.
2. Explain in detail about the Thyroid gland.

II. Short Notes:

(10 x 5 = 50)

1. Lateral ventricle.
2. Corpus callosum.
3. Inner ear.
4. Hyoid bone and it's applied anatomy.
5. Meninges.
6. Lumbricals.
7. Deltoid.
8. Extensor Retinaculum.
9. Anastamosis around the elbow joint.
10. Lymphatic drainage of the mammary gland.

III. Short Answers :

(10 x 2 = 20)

1. Triangle of Auscultation.
2. Bicipital groove.
3. Triangular space.
4. Subarachnoid space.
5. Musulo cutaneous nerve.
6. Erb's point.
7. Parotid duct.
8. Cauda equina.
9. Sterno clavicular joint.
10. Platysma.

[KX 1230]

AUGUST 2010

Sub. Code: 1230

FIRST B.H.M.S. DEGREE EXAMINATION

(Regulations 2004-2005 onwards)

Pattern 5

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

Draw neat diagram wherever necessary

Answer ALL question

I. Essay question:

(2 x 15 = 30)

1. Describe shoulder joint under following headings:
 - (a) Ligaments
 - (b) Movements
 - (c) Applied Anatomy.
2. Describe the Gross Anatomy of Hypothalamus. Add a note on its connections and functions.

II. Short Notes:

(10 x 5 = 50)

1. Sub occipital triangle.
2. Cavernous sinus.
3. Extra ocular muscles.
4. Scalp with its applied anatomy.
5. Temporomandibular joint.
6. Interior of right atrium.
7. Clavicle.
8. Pectoralis major.
9. Atlas.
10. Floor of IV ventricle.

III. Short Answers :

(10 x 2 = 20)

1. Dangerous area of face.
2. Lambda.
3. Cerebral aqueduct.
4. What is Waldeyer's ring?
5. Placenta.
6. Foramen ovale.
7. Axillary lymph nodes.
8. Median cubital vein.
9. Sub acromial bursa.
10. Ape thumb deformity.

[KZ 1230]

AUGUST 2011

Sub. Code: 1230

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Essay:

(2 x 15 = 30)

1. Write about Extension, Relation and Branches of Axillary Artery.
2. Describe Bony Labrynth and Membranous Labrynth of Internal ear.

II. Short Notes:

(10 x 5 = 50)

1. Maxillary Sinus.
2. Acromio Clavicular Joint.
3. Lymph Nodes of Axilla.
4. Flexor Digitorum Superficialis.
5. Branches of Basilar Artery.
6. Brachio radialis.
7. Posterior Interosseous Nerve.
8. Superficial palmar arch.
9. Hyoid Bone.
10. Lumbricals.

III. Short Answers :

(10 x 2 = 20)

1. Structures passing through clavipectoral fascia.
2. Branches of Brachial Artery.
3. Menier's Disease.
4. Surface Anatomy of facial artery.
5. Spiral groove.
6. Claw hand deformity.
7. Contents of cubital fossa.
8. The pineal gland.
9. Stenson's duct.
10. Quadrangular Space.

FIRST B.H.M.S. DEGREE EXAMINATION**PAPER III – ANATOMY - I***Q.P. Code : 581230***Time: Three Hours****Maximum: 100 marks****Answer ALL questions****I. Elaborate on:**

Pages	Time	Marks
(Max.)	(Max.)	(Max.)

- | | | | |
|---|----|----|----|
| 1. Describe the course, parts, relations and branches of axillary artery. | 16 | 25 | 15 |
| 2. Explain in detail about the auditory pathway and vestibular pathways. | 16 | 25 | 15 |

II. Write notes on:

- | | | | |
|--|---|---|---|
| 1. Hyoid bone – situation, attachments and applied anatomy. | 3 | 8 | 5 |
| 2. Sternocleidomastoid muscle. | 3 | 8 | 5 |
| 3. Falx cerebri. | 3 | 8 | 5 |
| 4. Mention the subdivisions of Anterior Triangle and write the contents of carotid Triangle. | 3 | 8 | 5 |
| 5. Relations of Thyroid gland. | 3 | 8 | 5 |
| 6. Cephalic vein. | 3 | 8 | 5 |
| 7. Musculo tendinous cuff of the shoulder. | 3 | 8 | 5 |
| 8. Axillary nerve. | 3 | 8 | 5 |
| 9. Lumbricals. | 3 | 8 | 5 |
| 10. Elbow joint – Articular surfaces and ligaments. | 3 | 8 | 5 |

III. Short Answers

- | | | | |
|---|---|---|---|
| 1. Bregma. | 1 | 5 | 2 |
| 2. Atlas and its identification. | 1 | 5 | 2 |
| 3. Name the lymph nodes draining the mammary gland. | 1 | 5 | 2 |
| 4. Winging of scapula. | 1 | 5 | 2 |
| 5. Contents of cubital fossa. | 1 | 5 | 2 |
| 6. Name the branches of radial nerve in the Arm. | 1 | 5 | 2 |
| 7. Petits Triangle. | 1 | 5 | 2 |
| 8. Branches of Subclavian artery. | 1 | 5 | 2 |
| 9. Name the cartilages of larynx. | 1 | 5 | 2 |
| 10. Motor nerve supply of the tongue. | 1 | 5 | 2 |

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Essay: (2 x 15 = 30)

1. Describe the root value, formation of various stages, relations, branches and applied anatomy of BRACHIAL PLEXUS.
2. Describe the boundaries of anterior triangle of neck give its subdivisions.
Describe the boundaries, contents, and applied anatomy of CAROTID TRIANGLE.

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

1. Cavernous venous sinus.
2. Trapezius- Attachments, nerve supply and action.
3. Flexor retinaculum of hand.
4. Ciliary ganglion.
5. Superficial palmar arterial arch.
6. Soft palate.
7. Retina.
8. Flexor digitorum profundus.
9. Corpus callosum.
10. Cubital fossa.

III. Short Answers : (10 x 2 = 20)

1. Formation of Orbicularis oris.
2. Ear ossicles.
3. Special features of Clavicle.
4. Contents of Axilla.
5. Ligaments of shoulder joint.
6. Lymphatic drainage of Mammary gland.
7. Layers of Scalp.
8. Name the muscles of mastication.
9. Styloid apparatus.
10. Name the branches of Facial nerve.

[LD 1230]

AUGUST 2013

Sub. Code: 1230

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Essay:

(2 x 15 = 30)

1. Describe the formation, branches, relations and applied anatomy of Brachial Plexus.
2. Describe in detail about the Parotid Gland.

II. Short Notes:

(10 x 5 = 50)

1. Sternoclavicular joint.
2. Winging of Scapula.
3. Lacrimal apparatus.
4. Upper end of Humerus.
5. Brachial artery.
6. Carotid Triangle.
7. Trigeminal Ganglion.
8. Superficial palmar arch.
9. Describe Brachioradialis.
10. Corpus callosum.

III. Short Answers :

(10 x 2 = 20)

1. Radial groove.
2. Median cubital vein.
3. Diaphragma sellae
4. Cervicoaxillary canal.
5. Dupuytren's contracture.
6. Styloid apparatus.
7. What is Morula?
8. Explain Pterion.
9. Triangle of Auscultation.
10. Muscles of mastication.

[LE 1230]

FEBRUARY 2014

Sub. Code: 1230

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Essay:

(2 x 15 = 30)

1. Write an essay on thyroid gland.
2. Describe shoulder joint in detail.

II. Short Notes:

(10 x 5 = 50)

1. Sternocleidomastoid Muscle.
2. Circle of willis.
3. Internal capsule.
4. Scalp.
5. Muscles of tongue.
6. Lymphatic drainage of Mammary gland.
7. Upper end of humerus.
8. Circulation of cerebral spinal fluid.
9. Cubital fossa.
10. Floor of fourth ventricle.

III. Short Answers :

(10 x 2 = 20)

1. Ossicles of ear.
2. Contents of anatomical snuff box.
3. Derivatives of ectoderm.
4. Characteristic features of synovial joint.
5. Name muscles of mastication.
6. Radial groove.
7. Sesamoid bone.
8. Asterion.
9. Nerve supply of deltoid.
10. Cranial nerves.

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Essay: **(2 x 15 = 30)**

1. Write the type, situation, features, structure, blood supply, lymphatic drainage and applied anatomy of Mammary Gland.
2. Write the nuclei of origin, intra cranial & extra cranial course, relations, branches and applied anatomy of Facial Nerve.

II. Short Notes: **(10 x 5 = 50)**

1. Lingual Nerve – Origin, course and relations, branches and supply.
2. Cubital fossa – Boundaries, contents and Applied anatomy.
3. Internal Capsule – definition, situation, parts & their contents and applied anatomy.
4. Brachial artery – Origin, course & relations, branches and applied anatomy.
5. Sterno-Cleido mastoid – attachments, nerve supply, action and Applied anatomy.
6. Sub occipital triangle – boundaries & contents.
7. Extensor retinaculum – formation, compartments and their contents.
8. Write the special features of Clavicle and applied anatomy.
9. Placenta – structure and functions.
10. Flexor digitorum profundus – origin, insertion, nerve supply and action.

III. Short Answers : **(10 x 2 = 20)**

1. Muscles of soft palate and their nerve supply.
2. Passavant ridge –formation and importance.
3. Dupeutrence contracture.
4. Pterion –give its clinical importance.
5. Name the branches of Maxillary artery.
6. Pronation and supination.
7. Contents of Axilla.
8. Erb's palsy.
9. Name the Extra-ocular muscles & give their nerve supply.
10. Name the structures piercing through the Clavi-pectoral fascia.

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER III – ANATOMY - I

Q.P. Code : 581230

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Essay: **(2 x 15 = 30)**

1. Describe the formation and root value, course and relations, branches and applied anatomy of Median Nerve.
2. a) Write the origin, insertion, nerve supply, applied anatomy and structures under cover of Sterno Cleido Mastoid muscle.
b) Describe the boundaries and contents of Carotid Triangle.

II. Short Notes: **(10 x 5 = 50)**

1. What are the types of Facial Nerve paralysis? Explain them.
2. Corpus Callosum – Parts, Relations and Connections.
3. Masseter- Origin, Insertion, Nerve supply and Action.
4. Arterial anastomosis around elbow – formation and importance.
5. Cavernous venous sinus- Formation, Relations and Applied anatomy.
6. Rhomboid fossa- boundaries, communications and applied anatomy.
7. Flexor retinaculum - formation, relations and applied anatomy.
8. Write the boundaries, contents and applied anatomy of Axilla.
9. Placenta – structure and functions.
10. Name the extra ocular muscles; write their attachments and nerve supply.

III. Short Answers : **(10 x 2 = 20)**

1. What are the structures under cover of Trapezius?
2. What are the important events occur around the middle of the shaft of Humerus?
3. Secretion and Absorption of Cerebro Spinal Fluid.
4. Colle's fracture.
5. Denticulate ligament.
6. Innervation of Scalp.
7. Name the Cartilages of Larynx.
8. Waldeyer's ring.
9. Little's area.
10. Nerve supply of Tongue.

[LH 1230]

AUGUST 2015

Sub. Code: 1230

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER III – ANATOMY - I

Q.P. Code: 581230

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Essay Questions:

(2 x 15 = 30)

1. Write about extension, relation and branches of axillary artery.
2. Write an essay on cerebrum and its functional areas.

II. Write notes on:

(10 x 5 = 50)

1. Brachial plexus.
2. Sub occipital triangle.
3. Trapezius.
4. Median nerve.
5. Cavernous sinus.
6. Spaces in hand.
7. Anastomosis around scapula.
8. Upper end of Humerus.
9. Ossification.
10. Classification of joints.

III. Short answers on:

(10 x 2 = 20)

1. Dermatomes.
2. Anatomical snuff box.
3. Carpel bones.
4. Branches of facial nerve on face.
5. Contents of radial groove.
6. Structure passing through foramen magnum.
7. Layers of scalp.
8. Nerve supply of tongue.
9. Dupuytren's contracture.
10. Quadrangular space.

FIRST B.H.M.S. DEGREE EXAMINATION**PAPER III – ANATOMY - I***Q.P. Code : 581230***Time: Three Hours****Maximum : 100 Marks****Answer All questions****I. Essay Questions:****(2 x 15 = 30)**

1. Describe the root value formation of various stages, relation, Branches and applied anatomy of Brachial plexus?
2. Describe the situation, extent, relations, structure, lymphatic drainage and congenital anomaly of Mammae.

II. Write Notes on:**(10 x 5 = 50)**

1. Describe the nuclei of origin, extra cranial course and relations and branches of Facial Nerve.
2. Explain the boundaries, contents and applied anatomy of Cubital fossa.
3. Describe the boundaries and contents of Carotid triangle.
4. Name the muscles of mastication. Explain the origin, insertion, nerve supply and action of Masseter.
5. Name the cranial parasympathetic Ganglia. Explain the roots and branches of distribution of the Ganglion in orbital cavity.
6. Describe the origin, course and relations and branches of Maxillary artery.
7. Describe the formation, surface marking, relations and branches of Superficial palmar arterial arch.
8. Upper end of Ulna.
9. Attachments, compartments and structures passing through each compartment of Extensor Retinaculum of Hand.
10. Clavipectoral fascia- formation, attachments and structures piercing through it

III. Short Answers on:**(10 x 2 = 20)**

1. Tentorium Cerebelli.
2. Name the Cranial nerves in order.
3. What is Styloid apparatus?
4. Name the layers of Retina.
5. What is Internal Capsule? Mention its situation.
6. What are the important events that occur around the middle of the shaft of Humerus?
7. What are the characteristic features of a Synovial joint?
8. Name the muscles involved in the formation of Rotator cuff of the shoulder joint.
9. Name the Carpal bones.
10. Name the structures in the mid palmar space.

FIRST B.H.M.S. DEGREE EXAMINATION**PAPER III – ANATOMY - I***Q.P. Code : 581230***Time: Three Hours****Maximum : 100 Marks****Answer All questions****I. Essay Questions:****(2 x 15 = 30)**

1. Describe the type, variety, articular surfaces, ligaments, relations and movements of elbow joint.
2. Describe the situation, extent, size, Cartilages, blood supply, nerve supply, lymphatic drainage and applied anatomy of Larynx.

II. Write Notes on:**(10 x 5 = 50)**

1. Describe the origin, course and relations and branches of Vertebral artery
2. Explain the boundaries and contents of Axilla
3. Classify Dural venous sinuses and explain Cavernous venous sinus.
4. Describe the boundaries and contents of Middle ear.
5. Explain the origin, insertion, nerve supply, action and applied anatomy of Sterno Cleido Mastoid.
6. Describe the origin, course and relations and supply of Trochlear nerve.
7. Course, branches and supply of Median nerve in hand.
8. Formation of Notochord.
9. Attachments, structures related and applied anatomy of Flexor Retinaculum of Hand.
10. Interossei of Hand- attachments, action and nerve supply.

III. Short Answers on:**(10 x 2 = 20)**

1. Define Supination and Pronation.
2. Name the Paranasal air sinuses.
3. Name the Muscles of Pharynx.
4. Name the Superficial Extensors of the forearm.
5. Name the branches of Posterior cord of Brachial plexus.
6. Name the structures passing through Foramen Magnum.
7. Name any four structures under cover of the Trapezius.
8. Special features of Clavicle.
9. Arteries taking part in the formation of the Circle of Willis.
10. Structures passing through the Parotid gland.
