

Sl.No: M23518

Course Code:1610112

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(DEEMED TO BE UNIVERSITY), SALEM**

**B.H.M.S. DEGREE EXAMINATION – August 2023**

**First Year**

**ANATOMY PAPER - I**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Write in detail about the formation, relation, branches and applied anatomy of bronchial plexus.
- 2) Describe details of triangle of neck.
- 3) Describe in detail about the eye ball and trace the optic pathway.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Describe axilla its boundaries, contents and applied anatomy.
- 5) Describe axillary artery in detail.
- 6) Superficial palmar arch.
- 7) Explain flexor digitorum profundus its origin, insertion, nerve supply and action.
- 8) Cephalic vein.
- 9) Ansa cervicalis.
- 10) Pituitary gland.
- 11) Cavernous sinus.
- 12) Circle of Willis.
- 13) Distribution of facial nerve in face.
- 14) External jugular vein.
- 15) Constrictor muscle of pharynx.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Characteristic feature of clavicle.
- 17) Characteristic feature of synovial joint.
- 18) Root value of brachial plexus.
- 19) Contents of anatomical snuff box and its boundaries.
- 20) Name the extra ocular muscle.
- 21) Name the muscle of mastication.
- 22) Radial tuberosity.
- 23) Nerve supply of brachialis muscle.
- 24) Structure under cover trapezius muscle.
- 25) Arteries taking part in circle of Willis.

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Sl.No: M23519

Course Code: 1610113

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
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B.H.M.S. DEGREE EXAMINATION – August 2023  
First Year**

**ANATOMY PAPER - II**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Describe the type and variety, articular surface, ligaments, relations and movements of knee joint.
- 2) Describe the morphology, musculature, applied anatomy and relation of stomach.
- 3) Describe the origin, extent, course, relation, branches and applied anatomy of popliteal artery.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Write about femoral triangle.
- 5) Explain right atrium.
- 6) Explain arch of aorta.
- 7) Describe attachment of gluteus maximus and structure under it.
- 8) Explain inguinal canal.
- 9) Describe lobes, surface and their relation of liver.
- 10) Explain plantar aponeurosis.
- 11) Popliteal Fossa – boundaries, contents and applied anatomy.
- 12) Diaphragm – origin, insertion and relation.
- 13) Describe the upper end of femur.
- 14) Ligaments of liver.
- 15) Describe pericardium and its sinuses.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Define mediastinum and mention its subdivisions.
- 17) Write the nine quadrants of abdomen.
- 18) Name the arches of foot.
- 19) Explain epididymis.
- 20) Define portal hypertension.
- 21) Write about typical ribs.
- 22) Write the attachments of linea aspera.
- 23) Explain calot's triangle.
- 24) Explain femoral sheath.
- 25) What is housemaid knee?

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**B.H.M.S. DEGREE EXAMINATION – February 2023  
First Year**

**ANATOMY PAPER - I**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Describe Root value, trunks, divisions, cords branches and applied anatomy of Bronchial plexus.
- 2) Describe the external features, muscles, blood supply, nerve supply and applied anatomy of Tongue.
- 3) Describe the boundaries and sub divisions of anterior triangle of neck and explain boundaries, roof, floor and contents of carotid triangle of neck.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Explain formation and parts of placenta.
- 5) Explain layers, nerve supply and applied anatomy of scalp.
- 6) Explain formation, Course and tributaries of external jugular vein.
- 7) Explain measurements, contents and applied anatomy of Umbilical cord.
- 8) Explain Anatomical planes.
- 9) Explain morphology, blood supply of pituitary gland.
- 10) Explain Ligaments and movements of elbow joint.
- 11) Explain the external features and Blood supply of thyroid gland.
- 12) Explain Origin, insertion and actions of Deltoid muscle.
- 13) Explain Sulci and gyri of supero – lateral surface of cerebrum.
- 14) Explain ostiology of upper end of Humerus.
- 15) Explain the extracranial course and branches of facial nerve.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Define little's area of nose.
- 17) Structures passing through the foramen ovale.
- 18) Name the carpal bones in order.
- 19) Name the ligaments of wrist joint.
- 20) Name the thinner muscles.
- 21) Mention the five derivatives of mesoderm.
- 22) Name the parts of external ear.
- 23) Name the contents of cubital fossa.
- 24) Define Bells palsy.
- 25) Applied anatomy of Palatine Tonsil.

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**ANATOMY PAPER - II**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Describe Formation, root value, course, relations, branches and applied anatomy of sciatic nerve.
- 2) Describe morphology, relations, blood supply and applied anatomy of spleen.
- 3) Describe Articular surfaces, ligaments, movements and applied anatomy of Hip joint.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Explain Upper end of the tibia.
- 5) Explain Relations and blood supply of first part of duodenum.
- 6) Explain morphology Relations and blood supply of right suprarenal glands.
- 7) Explain course and branches of anterior tibial artery.
- 8) Difference between small and large intestine.
- 9) Explain course and branches of common peroneal nerve.
- 10) Explain Blood supply and nerve supply of urinary bladder.
- 11) Explain origin, insertion and actions of adductor magnus.
- 12) Explain Histology of cartilage with neat diagram.
- 13) Explain Origin , course and branches of dorsalis pedis artery.
- 14) Explain morphology and blood supply of gall.
- 15) Explain formation and course and branches of femoral nerve.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Name the parts of the fallopian tube.
- 17) Name the Hamstring muscles.
- 18) Name the Contents of the inguinal canal.
- 19) Structures passing through the obturator foramen.
- 20) Name the inter costal muscles.
- 21) Mention the branches of the arch of aorta.
- 22) Name the openings of right atrium.
- 23) Name the tarsal bones in order.
- 24) Name the contents of adductor canal.
- 25) Name the structure passing through the lesser sciatic foramen.

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**B.H.M.S. DEGREE EXAMINATION – August 2022**

**First Year**

**ANATOMY PAPER - I**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Describe the course, relations, branches and applied anatomy of external carotid artery.
- 2) Describe the formation, course, relations, branches and applied anatomy of median nerve.
- 3) Classify the Dural venous sinuses. Explain course, relations and applied anatomy cavernous sinus.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Explain the lower end of the humerus.
- 5) Explain terms related to movements.
- 6) Explain external features parts, relations and blood supply of submandibular salivary gland.
- 7) Explain course and branches of maxillary artery.
- 8) Define oogenesis and explain the process of oogenesis.
- 9) Explain the formation and applied anatomy of superficial palmar arch.
- 10) Explain boundaries and contents of posterior triangle of neck.
- 11) Explain the muscles and nerve supply of soft palate.
- 12) Explain origin, insertion and actions of pectoralis major.
- 13) Explain location and parts of the thalamus.
- 14) Explain boundaries and contents of sub occipital triangles of neck.
- 15) Explain course, branches of mandibular nerve.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Name the terminal branches of facial nerve.
- 17) Name the muscles of mastication.
- 18) Name the structures passing through foramen spinosum.
- 19) Define carpal tunnel syndrome.
- 20) Name the cranial nerves in order.
- 21) Name the types of epiphysis.
- 22) Write the dental formula of adults.
- 23) Define ossification.
- 24) Boundaries of sub occipital triangle.
- 25) Name the par nasal air sinuses.

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**ANATOMY PAPER - II**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Describe course, relations, branches and applied anatomy of femoral artery.
- 2) Describe the morphology, blood supply, nerve supply and applied anatomy of lungs.
- 3) Describe location, surfaces relations blood supply and applied anatomy of liver.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Explain the ostiology no first rib.
- 5) Explain boundaries and contents of popliteal fossa.
- 6) Explain formation course, tributaries, of great saphenous vein.
- 7) Explain course and relations of thoracic duct.
- 8) Explain the histology of lymph node with neat diagram.
- 9) Explain formation and course and branches of obturator nerve.
- 10) Explain the pars and relations of stomach.
- 11) Explain relations and blood supply of left kidney.
- 12) Explain origin, insertion and actions of internal oblique abdominis muscle.
- 13) Explain the external features and layers of testis.
- 14) Explain ligaments of uterus.
- 15) Explain morphology, relations and blood supply of right suprarenal glands

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Define housemaid's knee.
- 17) Name the recesses of pleura.
- 18) Name the visceral relations of spleen.
- 19) Name the contents of lesser omentum.
- 20) Name the intercostals muscles.
- 21) Mention the branches of the coeliac trunk.
- 22) Name the openings of right atrium.
- 23) Mention the layers of scrotum.
- 24) Write the attachment of inguinal ligament.
- 25) Name the structure passing through the greater sciatic foramen.

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**B.H.M.S. DEGREE EXAMINATION – February 2022**  
**First Year**

**ANATOMY PAPER - I**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Write in detail about Mammary gland and add a note on its lymphatic drainage.
- 2) Write the location, structure, cartilages and supports of Larynx with its clinical anatomy.
- 3) Describe axillary artery in detail.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Germ layers and its importance.
- 5) Muscles of Pharynx.
- 6) Parotid gland.
- 7) Temporomandibular joint.
- 8) Middle ear Cavity.
- 9) Lateral wall of nose.
- 10) Palatine Tonsil.
- 11) Cerebellum.
- 12) Axillary nerve.
- 13) Trapezius – muscle.
- 14) Internal Jugular Vein.
- 15) Lumbricals.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Structures piercing the clavipectoral fascia.
- 17) Layers of scalp.
- 18) Digastric Triangle – contents.
- 19) Stages of implementation.
- 20) Triangle of petit.
- 21) Parts of Corpus Callosum.
- 22) Extra ocular muscles.
- 23) Branches of brachial artery.
- 24) Sternocleidomastoid muscle.
- 25) Blood supply of spinal cord.

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**B.H.M.S. DEGREE EXAMINATION – February 2022**  
**First Year**

**ANATOMY PAPER - II**

Time: Three hours

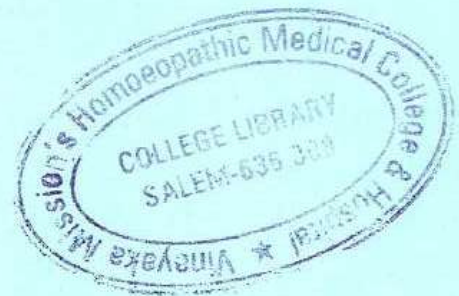
Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Write about external features of heart and explain the right atrium in detail.
- 2) Describe Uterus and Write a note on its clinical anatomy.
- 3) Write about knee joint in detail. Add a note on its clinical anatomy.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Femoral Triangle.
- 5) Sciatic nerve.
- 6) Inguinal ligament.
- 7) Diaphragm.
- 8) Ischio and fossa.
- 9) Pelvic muscles.
- 10) Prostate gland.
- 11) Portal vein.
- 12) Caecum.
- 13) Pleura.
- 14) Bronchopulmonary segments.
- 15) Arches of foot.



III. Write short notes of the following: (Answer ALL): (10 x 2 = 20)

- 16) Cremasteric reflex.
- 17) Sartorius.
- 18) Bare area of liver.
- 19) Renal angle.
- 20) Perineal body.
- 21) Meckel's diverticulum.
- 22) Varicose Veins.
- 23) Constrictions of Oesophagus.
- 24) Guy ropes muscles.
- 25) Cervical rib.



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**B.H.M.S. DEGREE EXAMINATION – August 2021  
First Year**

**ANATOMY - PAPER - I**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Describe the origin, roots value, course and relation, branches and applied Anatomy of Radial Nerve.
- 2) Describe the type, variety, articular surface, ligaments, relations and movements of Elbow joint.
- 3) Define Scalp. Explain the various layers and applied Anatomy.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Cavernous Venus Sinus.
- 5) Platysma.
- 6) Muscles of tongue.
- 7) Folds of Duramater.
- 8) Upper end of Humerus.
- 9) Describe Carpel tunnel withits clinical anatomy.
- 10) Classification of joints.
- 11) Cubital fossa.
- 12) Axillary artery and its branches.
- 13) Flexor retinaculum.
- 14) Biceps brachii.
- 15) Anastomosis around elbow joint.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Ansa cervicalis.
- 17) Histology of smooth muscle.
- 18) Radial groove.
- 19) Placenta.
- 20) Lambda.
- 21) Structure passing through Parotid gland.
- 22) Supination.
- 23) Name the structure passing through foramen Lacerum.
- 24) Structures passing through foramen magnum.
- 25) Carpal bones.

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**B.H.M.S. DEGREE EXAMINATION – August 2021  
First Year**

**ANATOMY PAPER - II**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Describe the situations, external features, relations and ligaments of liver.
- 2) Define Mediastinum. Describe the boundaries, contents and applied anatomy of superior mediastinum.
- 3) Describe types, Variety, articular surfaces, ligaments, relation and applied anatomy of Hip joints.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Coronary Sinus.
- 5) Pleura.
- 6) Internal thoracic artery.
- 7) Oesophagus.
- 8) Pericardium.
- 9) Gall bladder.
- 10) Ischio rectal fossa.
- 11) Caecum.
- 12) Broad ligament of uterus.
- 13) Inguinal canal.
- 14) Coeliac trunk.
- 15) Popliteal fossa.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Tendo calcaneus.
- 17) Root value of sciatic nerve.
- 18) Structure under cover Gluteus maximum.
- 19) Origin and Insertion of Sartorius.
- 20) Name the muscle involved in lateral rotation of thigh.
- 21) Cardinal features of large Intestine.
- 22) Trigone of urinary bladder.
- 23) Blood supply of stomach.
- 24) Contents of rectus sheath.
- 25) Mac Burney's point.

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
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**B.H.M.S. DEGREE EXAMINATION – October 2021**

**First Year**

**ANATOMY PAPER - I**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Write an essay about Eye ball including its layers, structures, Vasculature and its clinical relevance with suitable diagrams.
- 2) Write in detail about Thyroid gland with its clinical anatomy.
- 3) Write an essay about Brachial plexus and its clinical anatomy.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Placenta – structures and functions.
- 5) Deltoid muscle.
- 6) Parts of Pharynx.
- 7) Pterygo palatine fossa.
- 8) Musculo cutaneous nerve.
- 9) Tongue.
- 10) Cavernous sinus.
- 11) Facial nerve.
- 12) Paranasal sinus.
- 13) CSF – Secretion, circulation and absorption.
- 14) Internal Carotid Artery.
- 15) Palmar interossei.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Platysma.
- 17) HCG.
- 18) Little's area.
- 19) Quadrangular space.
- 20) Parts of Internal Capsule.
- 21) Contents of Carotid triangle.
- 22) Styloid apparatus.
- 23) Anatomical snuff box – boundaries.
- 24) Tennis Elbow.
- 25) Blood supply of Cerebrum.

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**B.H.M.S. DEGREE EXAMINATION – October 2021  
First Year**

**ANATOMY PAPER - II**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Write an essay on Mediastinum.
- 2) Describe liver and its clinical aspect.
- 3) Write the type, articular surfaces, ligaments, movements, blood supply of Hip Joint with its clinical relevance.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Popliteal fossa.
- 5) Femoral artery.
- 6) Inguinal canal.
- 7) Suprarenal glands.
- 8) Male urethra.
- 9) Uterine tubes.
- 10) Rectum.
- 11) Spleen.
- 12) Appendix.
- 13) Azygos vein.
- 14) Peri cardium.
- 15) Scrotum.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) SVC.
- 17) Foramen of Winslow.
- 18) Soleu S.
- 19) Applied anatomy of gall bladder.
- 20) Constrictions of ureter.
- 21) Spermatic cord.
- 22) Duodenal Cap.
- 23) Vena Cardis minimi.
- 24) Cisterna chyli.
- 25) Stomach bed.

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**B.H.M.S. DEGREE EXAMINATION – December 2020  
First Year**

**ANATOMY – PAPER - I**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Write an essay Lateral Ventricle.
- 2) Explain the formation, divisions, braches and applied Anatomy on Brachial Plexus.
- 3) Describe in detail about Axillary Artery.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Sternocleidomastoid muscle.
- 5) Lateral wall of Nasal Cavity.
- 6) Nerve Supply of face.
- 7) Carotid triangle.
- 8) Histology and blood supply of thyroid gland.
- 9) Internal Capsule.
- 10) Clavipectoral fascia.
- 11) Lower end of Humerus.
- 12) Deltoid its origin, insertion, nerve supply and applied anatomy.
- 13) Cubital fossa.
- 14) Rotator Cuff.
- 15) Dorsal digital expansion of Hand.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Morula.
- 17) Erbs palsy.
- 18) Peculiarities of clavicle.
- 19) Contents of Axilla.
- 20) Bregma.
- 21) Nerve Supply of tongue.
- 22) Derivatives of ectoderm.
- 23) Saturday night palsy.
- 24) Structure passing through foramen magnum.
- 25) Carpal bones.

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**B.H.M.S. DEGREE EXAMINATION – December 2020  
First Year**

**ANATOMY – PAPER - II**

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Describe the situations, external features, relations and ligaments of Spleen.
- 2) Explain the external and internal features of Right Atrium.
- 3) Describe the boundaries, Contents and applied anatomy of Femoral Triangle.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Bronchopulmonary Segments.
- 5) 2<sup>nd</sup> part of Duodenum.
- 6) First Rib.
- 7) Thoracic Duct.
- 8) Mesentery.
- 9) Porta cavalanastomosis.
- 10) Rectus sheath.
- 11) Scrotum.
- 12) Appendix.
- 13) Fallopian tube.
- 14) Adductor Canal.
- 15) Iliotibial tract.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Branches of coeliac trunk.
- 17) Typical Intercostal Space.
- 18) Gastric Canal.
- 19) Pericardial Sinuses.
- 20) Parts of Pancreas.
- 21) Coverings of kidney.
- 22) Omental bursa.
- 23) Fascia Lata.
- 24) Sciatica.
- 25) Constrictions of Ureter.