

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail the Kidney and Ureters with its Structure, Relations, Histology, Development and Applied Anatomy?
2. Explain in detail the Lungs with its External features, Fissures, Lobes, Relations, Bronchial Tree and Applied Anatomy?

II. Write Notes on:

(10 x 5 = 50)

1. Pericardium.
2. Prostate.
3. Ankle Joint.
4. Anal Canal.
5. Arches of Foot.
6. Pulmonary Trunk.
7. Structures Under cover of Gluteus Maximus.
8. Extrahepatic Biliary Apparatus.
9. Azygos Vein.
10. Superior Mediastinum.

III. Short Answers on:

(10 x 2 = 20)

1. Patella.
2. Pyramidalis.
3. Ischioanal Fossa.
4. Hunter's Canal.
5. Morison's Pouch.
6. Inferior Extensor Retinaculum.
7. Tubal Pregnancy.
8. Branches of Arch of Aorta.
9. Kehr's Sign.
10. Ileocaecal Valve.

[LJ 1503]

DECEMBER 2016

Sub.Code :1503

FIRST B.H.M.S. DEGREE EXAMINATION - SUPPLEMENTARY
(New Regulation – From 2015-2016 Batch onwards)

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail the FEMORAL ARTERY with its Course, Relations, Branches and Applied Anatomy.
2. Explain in detail the DIAPHRAGM with its Openings, Relations, Development and Applied Anatomy.

II. Write Notes on:

(10 x 5 = 50)

1. Inguinal Ligament.
2. Thoracic Duct.
3. Fallopian Tube.
4. Pleura.
5. Gall Bladder.
6. Adductor Canal.
7. Sciatic Nerve.
8. Testis.
9. Coeliac trunk.
10. Pancreas.

III. Short Answers on:

(10 x 2 = 20)

1. Machine-Like Murmur.
2. Suprarenal gland.
3. Venae Cordis Minimi.
4. Mcburney's Point.
5. Carina.
6. Classification of Ribs.
7. Vermiform Appendix.
8. Meckel's Diverticulum.
9. Menisci.
10. Epididymis.

FIRST B.H.M.S. DEGREE EXAMINATION
(New Regulation – From 2015-2016 Batch onwards)

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Describe the boundaries, contents and Applied anatomy of **FEMORAL TRIANGLE**.
2. Describe the origin, extent, course, relations and applied anatomy of **OESOPHAGUS**.

II. Write Notes on:

(10 x 5 = 50)

1. Uterus.
2. 12th rib.
3. Liver.
4. Lesser sac.
5. Obturator nerve.
6. Peroneus longus.
7. Dorsalis pedis artery.
8. Greater sciatic notch.
9. Plantar aponeurosis.
10. Great saphenous vein.

III. Short Answers on:

(10 x 2 = 20)

1. Stomach bed structure.
2. Ligamentum teres.
3. Hiatus opening.
4. Quadrants of abdomen.
5. Locking and unlocking of the knee joint.
6. Linea alba.
7. Surface marking of Heart.
8. Acetabulum.
9. Muscle which producing Inversion and Eversion of the foot?
10. Difference between right and left lung.

**FIRST B.H.M.S. DEGREE EXAMINATION
(Supplementary Examination)**

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Classify and describe the **ARCHES OF FOOT**.
2. Describe the external and internal features of **RIGHT VENTRICLE**

II. Write Notes on:

(10 x 5 = 50)

1. Diaphragm.
2. Sciatic nerve.
3. Inguinal canal.
4. Gluteus maximus and structures under cover of it.
5. Anal canal.
6. Epiploic foramen.
7. Peroneal retinaculum.
8. Scrotum.
9. Popliteal fossa.
10. Portal vein.

III. Short Answers on:

(10 x 2 = 20)

1. Cysterna chili.
2. Branches of femoral artery.
3. Visceral relation of spleen.
4. Placenta.
5. Right Lung.
6. Write the nerve of hesitans and its supply.
7. Name the tributaries of Coronary sinus.
8. Name the Ligaments of Hip joint.
9. Branches of Popliteal Artery.
10. Root of mesentery.

FIRST B.H.M.S. DEGREE EXAMINATION
(New Regulation – From 2015-2016 Batch onwards)

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail the FEMORAL TRIANGLE with its Boundaries, Contents, and Applied Anatomy?
2. Explain in detail the TESTIS with its Structure, Locations, Coverings, Blood Supply, Lymphatic Drainage, Nerve Supply and Clinical Anatomy.

II. Write Notes on:

(10 x 5 = 50)

1. Supports of Uterus.
2. Bare Areas of Liver.
3. Hesselbach's Triangle.
4. Bronchopulmonary Segments.
5. Marginal Artery.
6. Ischiorectal Fossa.
7. Structures Passing Through Gateway of Gluteal Region.
8. Contents of the Popliteal Fossa.
9. Explain the muscles of the Second layer of the Sole.
10. Relations of second part of duodenum.

III. Short Answers on:

(10 x 2 = 20)

1. Constrictions of oesophagus.
2. Machine-Like Murmur.
3. Cardiac Silhouette.
4. Fascia of Denonvilliers.
5. Mcburney's Point.
6. Carina.
7. Helicine Arteries.
8. Sciatic Nerve Block.
9. Housemaids Knee.
10. B-cells.

FIRST B.H.M.S. DEGREE EXAMINATION
(Supplementary Examination)

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail the PLUERA including its Features, Surface Marking, Recesses, Blood Supply, Nerve Supply, Lymphatics and Clinical Anatomy.
2. Explain in detail the STOMACH including its Situation, External features, Relations, Blood Supply, Nerve Supply, Lymphatic Drainage and Functions.

II. Write Notes on:

(10 x 5 = 50)

1. Callot's Triangle.
2. Constituents of the Spermatic Cord.
3. Coronary Sinus.
4. Male urethra.
5. Right atrium.
6. Ilio Tibial Tract.
7. Trachea.
8. Femoral Canal.
9. Describe the Muscles connecting the Upper limb with Vertebral Column.
10. Right coronary artery.

III. Short Answers on:

(10 x 2 = 20)

1. Adductor Pollicis longus.
2. Oesophageal varices.
3. Sibson's Fascia.
4. Typical Ribs.
5. Deltoid Ligament.
6. Aortic knuckle.
7. Node of Ranvier.
8. Triceps Suræ.
9. Xiphoid Process.
10. Artery of Drummond.

FIRST B.H.M.S. DEGREE EXAMINATION
(New Regulation – From 2015-2016 Batch onwards)

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Explain in detail the VERMIFORM APPENDIX with its Surface Anatomy, Structure, Positions, Blood Supply, Nerve Supply, Lymphatic Drainage and Clinical Anatomy?
2. Classify the Arches of the Foot. Explain in detail the LONGITUDINAL ARCHES with its functions and Applied Anatomy?

II. Write Notes on:

(10 x 5 = 50)

1. Mediastinal Syndrome.
2. Fallopian Tubes.
3. Thoracic Wall.
4. Pudendal Canal.
5. Popliteal Fossa.
6. Sacral Plexus.
7. Trochanteric Anastomosis.
8. Cisterna Chyli.
9. Ligaments of the Bladder.
10. Middle Mediastinum.

III. Short Answers on:

(10 x 2 = 20)

1. Sleeping foot.
2. Fascia of Waldeyer.
3. Hypospadias.
4. Crypts of Lieberkuhn.
5. Morison's Pouch.
6. Sphincter Choledochus.
7. Crista Terminalis.
8. Coronary sulcus.
9. Plicae Circularis.
10. Sinus Venarum.

[LN 1503]

OCTOBER 2018

Sub. Code: 1503

FIRST B.H.M.S. DEGREE EXAMINATION
(New Regulation – From 2015-2016 Batch onwards)

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

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

1. Describe the situation, external features, Relations and ligaments of **LIVER**.
2. Describe the origin, root value, course, Relations branches and applied anatomy of **SCIATIC NERVE**.

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

1. Boundary, content and applied anatomy of superior Mediastinum.
2. Formation, branches importance of Marginal artery.
3. Formation, course, relation, tributaries of Azygos vein.
4. Thymus.
5. Boundaries, Content applied anatomy of Douglas pouch.
6. Trachea
7. Origin, insertion, nerve supply, Action and Importance of Adductor magnus.
8. Testis.
9. Functions of Lt. ventricle.
10. Suprarenal gland.

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

1. Broncho pulmonary segment.
2. Somites.
3. Relation of Medial surface of 2nd part of duodenum.
4. Importance of sternal angle.
5. Tendo achillis.
6. Fissures of Lung and their levels.
7. Branches of coeliac trunk.
8. Peripheral heart.
9. Umbilicus.
10. Falx inguinalis.

[LP 1503]

OCTOBER 2019

Sub. Code: 1503

FIRST B.H.M.S. DEGREE EXAMINATION
(New Regulation – From 2015-2016 Batch onwards)

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Describe Pancreas with its situation, shape, size, external features, relations, blood supply, nerve supply, lymphatic drainage, venous drainage and applied anatomy.
2. Hip joint – write its type, articular ends, ligaments, synovial membrane, relations, nerve supply, blood supply and applied anatomy.

II. Write Notes on:

(10 x 5 = 50)

1. Anterior relations of kidney.
2. Mesentery.
3. Anal canal.
4. Testis.
5. General features and relations of Stomach.
6. Gall bladder.
7. Trachea.
8. Arch of aorta.
9. Popliteal fossa.
10. Sciatic nerve.

III. Short Answers on:

(10 x 2 = 20)

1. Conjoint tendon.
2. Cysterna chili.
3. Douglas pouch.
4. Special features of Right Atrium.
5. Sites of portocaval anastomosis.
6. Constrictions of Ureter.
7. Guy rope.
8. Embryological importance of Umbilicus.
9. Name the muscles forming the Pelvic diaphragm.
10. Structures passing through Thoracic inlet.

FIRST B.H.M.S. DEGREE EXAMINATION

(Supplementary)

(New Regulation – From 2015-2016 Batch onwards)

PAPER III – ANATOMY - II

Q.P. Code : 581503

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Essay Questions:

(2 x 15 = 30)

1. Describe the origin, extent, course & relations, branches and applied anatomy of Femoral artery.
2. Describe the location, external features, relations, ligaments, blood supply and histology of Spleen.

II. Write Notes on:

(10 x 5 = 50)

1. Write the origin, insertion, nerve supply and action of Peroneus longus.
2. Describe the root value, course and relations branches and applied anatomy of Phrenic nerve.
3. Write about the boundaries, contents and applied anatomy of Ischio-rectal fossa.
4. What is Lesser Sac? Write about its boundaries and applied anatomy.
5. Describe the external features and relations of right Lung.
6. Formation, termination and tributaries of Coronary sinus.
7. Describe the origin, course and relations, tributaries and clinical anatomy of Azygoes vein.
8. Write the origin, course & relations, branches and supply and applied anatomy of Deep Peroneal nerve.
9. Name the Calf muscles, describe their attachments nerve supply and action.
10. Define Ilio-tibial tract. Write its attachments and structures attached with it.

III. Short Answers on:

(10 x 2 = 20)

1. What is the root value of Sciatic nerve?
2. What are the contents of Adductor canal?
3. What are the structures forming Stomach bed?
4. Dorsalis pedis artery.
5. What are the tributaries of Inferior venacava?
6. What is supra pleural membrane?
7. Name the pericardial sinuses
8. What is the clinical importance of Douglas pouch?
9. What are the structures forming anterior relations of right kidney?
10. What are the anterior branches of Abdominal Aorta?

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0921]

**SEPTEMBER 2021
(OCTOBER 2020 EXAM SESSION)**

Sub. Code: 1503

**FIRST B.H.M.S. DEGREE COURSE
PAPER III – ANATOMY - II
*Q.P. Code : 581503***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Describe the external features, relations, ligaments, blood supply and applied anatomy of Uterus.
2. Describe the Mediastinum in detail.

II. Write Notes on:

(10 x 5 = 50)

1. Great Saphenous vein.
2. Ischio Anal fossa.
3. Ovary.
4. Appendix.
5. Spleen.
6. Pericardium.
7. Coeliac trunk.
8. Thoracic duct.
9. Femoral triangle – boundaries and contents.
10. Dorsalis pedis artery.

III. Short Answers on:

(10 x 2 = 20)

1. Muscles attached to Perineal body.
2. Boundaries of Urogenital triangle.
3. Define Inguinal ligament.
4. Femoral sheath walls.
5. Varicocele.
6. Sural nerve course.
7. Arterial supply of Heart.
8. Constrictions of Oesophagus.
9. Constituents of Spermatic cord.
10. Blood supply of Urinary bladder.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0222]

**FEBRUARY 2022
(DECEMBER 2020 EXAM SESSION)**

Sub. Code: 1503

**B.H.M.S. DEGREE EXAMINATION
FIRST YEAR (New Regulations – from 2015-2016 batch onwards)
PAPER III – ANATOMY - II
Q.P. Code : 581503**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

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

1. Describe the extent, boundaries, contents and applied anatomy of Inguinal canal.
2. Describe the external and Internal features of Right atrium.

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

1. Write the origin, insertion, nerve supply and special features of External oblique abdominis.
2. What are the structures forming extra hepatic biliary apparatus and describe each?
3. Describe the second part of Duodenum and give its relations and applied anatomy.
4. Describe the formation, supply and clinical importance of Marginal artery.
5. Describe the boundaries, contents and applied anatomy of Popliteal Fossa.
6. Write the origin, insertion, nerve supply and action of Sartorius muscle.
7. Describe the origin, course and relations, tributaries and clinical anatomy of Superior venacava.
8. Write the origin, course & relations, termination of Thoracic duct.
9. Define Inversion and Eversion of foot. Mention the joints & muscles involved in the movements.
10. Describe the attachments & importance of Guy ropes.

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

1. What is Caput Medusa, in which clinical condition does it occur?
2. Name the muscles in the Extensor compartment of thigh.
3. Name the Tarsal bones.
4. What are the veins draining the Heart?
5. What are the recesses of pleura and their functional importance?
6. Histology of Trachea.
7. What are the structures in the Hilum of right lung?
8. What is peripheral heart and why?
9. Name the ligaments of Knee joint.
10. What are the branches of posterior division of Internal Iliac artery?

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0522]

**MAY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1503

**B.H.M.S. DEGREE EXAMINATION
FIRST YEAR (New Regulations – from 2015-2016 batch onwards)
PAPER III – ANATOMY - II
Q.P. Code : 581503**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

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

1. Write the left atrium in detail. Add a note on the surface marking of Heart.
2. Write the external features, relations, blood supply and venous drainage of Liver.

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

1. Ilio tibial tract.
2. Azygos vein.
3. Greater omentum.
4. Dorsalis pedis artery.
5. Rectus sheath.
6. Popliteal fossa.
7. Oesophagus.
8. External features and relations of stomach.
9. Femoral artery.
10. Thoracic duct.

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

1. Anterior relations of right Kidney.
2. Sternal angle.
3. Appendices epiploica.
4. Attachments on linea aspera.
5. Ligaments of spleen.
6. Cutaneous innervation of superficial peroneal nerve.
7. Name the tarsal bones.
8. Pericardial sinuses.
9. Write the ligaments of Knee joint.
10. Marginal artery.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0922]

**SEPTEMBER 2022
(DECEMBER 2021 EXAM SESSION)**

Sub. Code: 1503

**B.H.M.S. DEGREE EXAMINATION
FIRST YEAR - SUPPLEMENTARY
(New Regulations – from 2015-2016 batch onwards)
PAPER III – ANATOMY – II**

Q.P. Code : 581503

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Describe the situation, external features, relations, ligaments, blood supply and applied anatomy of Spleen.
2. Formation of lumbar plexus and explain the root value, course, relation, branches and applied anatomy of femoral nerve.

II. Write Notes on:

(10 x 5 = 50)

1. Write the mediastinal relations of the right Lung.
2. Pericardium.
3. Lesser omentum.
4. Arch of aorta.
5. Vermiform appendix.
6. Testis.
7. Second part of duodenum.
8. Popliteal artery.
9. Arches of foot.
10. Diaphragm.

III. Short Answers on:

(10 x 2 = 20)

1. Epiploic foramen.
2. Stomach bed.
3. Supra pleural membrane.
4. Write the sites of portocaval anastomosis.
5. Constrictions of oesophagus.
6. Guy rope.
7. Papillary muscles.
8. Lacunar ligament.
9. Femoral ring.
10. Structures deep to extensor retinaculum of ankle.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0323]

**MARCH 2023
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 1503

**B.H.M.S. DEGREE EXAMINATION
FIRST YEAR
(New Regulations – from 2015-2016 batch onwards)
PAPER III – ANATOMY – II**

Q.P. Code: 581503

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Write the external features, relations, blood supply and venous drainage and applied anatomy of pancreas.
2. Write the type, articular surfaces, ligaments, relations, blood supply, nerve supply and movements of hip joint.

II. Write Notes on:

(10 x 5 = 50)

1. Write the Ischio anal fossa.
2. Hepato renal pouch.
3. Plantar arterial arch.
4. Adductor canal.
5. Arch of aorta.
6. Broncho pulmonary segments.
7. Inguinal canal.
8. Femoral triangle.
9. Hepatic portal vein.
10. Pleura.

III. Short Answers on:

(10 x 2 = 20)

1. Epididymis.
2. Perineal body.
3. Epiploic foramen.
4. Contents of popliteal fossa.
5. Contents of superior mediastinum.
6. Characteristics of Hamstring muscles.
7. Valves of Heart.
8. Structures deep to flexor retinaculum of ankle.
9. Coverings of spermatic cord.
10. Costal groove.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0523]

MAY 2023

Sub. Code: 1503

(DECEMBER 2022 EXAM SESSION)

B.H.M.S. DEGREE EXAMINATION

FIRST YEAR - SUPPLEMENTARY

(New Regulations – from 2015-2016 batch onwards)

PAPER III – ANATOMY – II

Q.P. Code: 581503

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Describe Stomach under the following headings: location, external features, relations, ligaments and applied anatomy.
2. Classify and describe “Arches of Foot”.

II. Write Notes on:

(10 x 5 = 50)

1. Perineal membrane.
2. Coronary sinus – situation, formation, tributaries and termination.
3. Relations of the Mediastinal surface of the lungs.
4. Rectus sheath – formation, contents and applied anatomy.
5. First rib.
6. Portal vein – formation, relations, tributaries and applied anatomy.
7. Write the origin, insertion, nerve supply and action of peroneus longus muscle.
8. Describe the origin, course and relations, branches and clinical anatomy of Arch of Aorta.
9. Marginal artery – location, formation and clinical importance.
10. Soleus – attachments, nerve supply and actions.

III. Short Answers on:

(10 x 2 = 20)

1. Douglas pouch.
2. Name the branches of superior mesenteric artery.
3. What are the Structures passing through the Greater Sciatic notch?
4. What are the recesses of pleura?
5. Histology of Appendix.
6. What are the large orifices of Diaphragm and name the structures passing through them.
7. Placenta.
8. Name the hamstring muscles.
9. Femoral sheath – compartments and contents.
10. Trigone of urinary bladder.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0124]

**JANUARY 2024
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 1503

**B.H.M.S. DEGREE EXAMINATION
FIRST YEAR
(New Regulations – from 2015-2016 batch onwards)
PAPER III – ANATOMY – II**

Q.P. Code: 581503

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

1. Describe the origin of root value, course relations, branches and applied anatomy of Sciatica nerve.
2. Describe the external features, relations, applied anatomy and histology of LUNGS.

II. Write Notes on:

(10 x 5 = 50)

1. Iliotibial tract.
2. Thoracic duct.
3. Anal canal.
4. Stomach – presenting features, relations and histology.
5. Superior mediastinum – boundaries, contents and applied anatomy.
6. Internal features of right atrium.
7. Anterior relations of kidneys.
8. Describe structures covered under “Gluteus Maximus”.
9. Name the Calf muscles, describe their attachments, nerve supply and action.
10. Musculocutaneous nerve of leg.

III. Short Answers on:

(10 x 2 = 20)

1. Foot drop.
2. Umbilicus.
3. Epiploic foramen.
4. Piriformis – attachments.
5. What are the branches of superior mesenteric artery?
6. Sibson’s fascia.
7. Name the pericardial sinuses.
8. What are the layers of scrotum?
9. Morison’s pouch.
10. Sudeck’s point.
