[KU 1231] **FEBRUARY 2009** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

(Regulations 2004-2005 onwards)
Pattern 5
PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

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

1. Describe the interior, musculature and applied anatomy of anal canal.
2. Describe the arches of foot with their functions. Add a note on its applied anatomy.
3. Mention the branches of abdominal aorta. Describe coeliac trunk in detail.

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

1. Femoral nerve.
2. Adductor canal.
3. Rectus sheath.
4. Prostate.
5. Sartorius.
6. Ankle joint.
7. Trachea.
8. Fibrous peri cardium.
9. Supra rewal gland.
10. Mesentery.
11. Stomach bed.
12. Sternum.

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

1. What is Tendo calcaneus?
2. What are the contents of femoral sheath?
3. What are the peritoneal ligaments attached to the liver?
4. What is inguinal ligament?
5. Enumerate the sites of Porto caval anastomosis?
6. What are the contents of Ischiorectal fossa?
7. Write any four importance of sternal angle.
8. What is cysterna chyli?
9. Give the visceral relations of spleen?
10. Enumerate ligaments of the knee joint.

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[KV 1231] **AUGUST 2009** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

(Regulations 2004-2005 onwards)
Pattern 5
PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

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

1. Describe the external and internal features of Right Ventricle.
2. Describe the external features, relations, ligaments, blood supply and applied anatomy of Uterus.
3. Describe the origin, extent, course, relations, branches and applied anatomy of Popliteal Artery.

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

1. Soleus.
2. Intercostal arteries.
3. Inguinal canal.
4. Marginal artery.
5. Relations of Right Kidney.
6. Adductor magnus.
7. Hilum of Left lung.
8. Plantar arterial arch.
9. Coronary sinus.
10. Ligament of Liver.
11. Diaphragm.
12. Meniscus.

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

1. Attachments of Inguinal ligament.
2. Vertebral level of bifurcation of Trachea.
3. Branches of Coeliac trunk.
4. Branches of Femoral artery.
5. Root value of Sciatic nerve.
6. Formation of Portal vein.
7. Structures under cover of Gluteus maximus.
8. Inversion and eversion of foot.
9. Name the muscles involved in lateral rotation of thigh.
10. Surface marking of Appendix.

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[KW 1231] **FEBRUARY 2010** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

(Regulations 2004-2005 onwards)
Pattern 5
PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

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

1. Define mediastinum. Enumerate the contents of superior mediastinum. Describe the arch aorta in detail.
2. Describe the arches of foot with their functions. Add a note on its applied anatomy.

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

1. Deltoid ligament.
2. Femoral Triangle.
3. Thoracic duct.
4. Azygos vein.
5. Dorsalis pedis artery.
6. Ovary.
7. Second part of duodenum.
8. Greater omentum.
9. Parietal pleura.
10. Right coronary artery.

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

1. What are the large Openings of Diaphragm?
2. What is Menisci?
3. What are the normal constrictions of Oesophagus?
4. What are structures passing through right free margin of lessor omentum?
5. What are the ventral branches of abdominal arota?
6. What are hamstring muscles?
7. What are the nerves arises from lumbar plexus?
8. What is the nerve supply to pectineus?
9. What is Mc Burney's point?
10. What are contents of pudendal canal?

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[KX 1231] **AUGUST 2010** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

(Regulations 2004-2005 onwards)
Pattern 5
PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

Draw neat diagram wherever necessary
Answer ALL question

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

1. Describe uterus in detail with special mention about supports of uterus.
2. Describe hip joint in detail.

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

1. Structure under gluteus maximus.
2. Stomach bed.
3. Rectus abdominis.
4. Inguinal Canal.
5. Testes
6. Prostate.
7. Coeliac trunk.
8. Ichio Rectal Fossa.
9. Popliteal Fossa.
10. Pancreas.

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

1. Caudate lobe of liver.
2. Sartorius.
3. Ligaments of ankle joint.
4. Cisterna Chyli.
5. Conducting system of Heart.
6. Left Colic Flexure.
7. Dartos Muscle.
8. Spermatic Cord.
9. Typical intercostal nerves.
10. Greater Sciatic Foramen.

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[KZ 1231] **AUGUST 2011** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

Answer ALL questions

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

1. Explain the formation, course, relations, boundaries and applied anatomy of Sacral plexus.
2. Describe the Lung and its relations.

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

1. Ovary.
2. Supra Renal gland.
3. Superior vena cava.
4. Pericardium.
5. Great Saphenous vein.
6. Dorsalis pedis artery.
7. Trachea.
8. Popliteal fossa.
9. Femoral Triangle.
10. Oesophagus.

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

1.Mc Burny’s Point.
2. Sternal angle.
3. Bare area of liver.
4. Name the tarsal bones.
5. External Oblique Muscle.
6. Blood supply of Oesophagus.
7. Ascending Aorta.
8. Classification of Ribs.
9. Menisci.
10. Flexor Retinaculam of leg.

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[LB 1231] **AUGUST 2012** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

Answer ALL questions

I. Elaborate on:	**Pages (Max.)**	**Time (Max.)**	**Marks (Max.)**
1. Describe the Mediastinum in detail.	16	25	15
2. Explain in detail about the course, relations and branches of femoral artery.	16	25	15
II. Write notes on:			
1. Adductor canal.	3	8	5
2. Root value and relations of sciatic nerve.	3	8	5
3. Ligaments of ankle joint.	3	8	5
4. Inguinal ligament.	3	8	5
5. Characteristic features of small intestine.	3	8	5
6. Gall bladder.	3	8	5
7. Anterior relations of kidney.	3	8	5
8. Fallopian tube.	3	8	5
9. Azygos vein.	3	8	5
10. Root of the lung.	3	8	5
III. Short Answers			
1. Pouch of Douglas.	1	5	2
2. Relations of neck of pancreas.	1	5	2
3. Supra renal gland.	1	5	2
4. Ventral branches of abdominal aorta.	1	5	2
5. Coccyx.	1	5	2
6. Conjoint tendon.	1	5	2
7. Mention any four structures under the cover. of gluteus maximus.	1	5	2
8. Contents of popliteal fossa.	1	5	2
9. Openings in diaphragm.	1	5	2
10. Course of thoracic duct.	1	5	2

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[LC 1231] **FEBRUARY 2013** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

Answer ALL questions

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

1. Describe the external and internal features of Right ATRIUM.

2. Describe the situation, lobes, external features, relations, ligaments and histology of LIVER.

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

1. Features & Relations of Medial surface of Right Lung.
2. First Rib- features and attachments.
3. Intercostal arteries.
4. Diaphragm-attachments and nerve supply.
5. Layers of Scrotum.
6. Rectus sheath – formation and contents.
7. Gluteus maximus – attachments, nerve supply and action.
8. Popliteal fossa- boundaries, contents and applied anatomy.
9. Relations of head of Pancreas.
10. Great Saphenous vein- origin, termination, tributaries and applied anatomy.

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

1. What are the contents of Ischio-rectal fossa?
2. What are the branches of Arch of Aorta?
3. Attachments of Soleus.
4. What are the contents of Femoral triangle.
5. Morphological importance of Ligamentum patellae.
6. Hilton’s line.
7. Sinuses of Pericardium.
8. Tributaries of Azygos vein.
9. Marginal artery.
10. Stomach bed.

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[LD 1231] **AUGUST 2013** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

Answer ALL questions

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

1. Describe the location, external features, relations and applied aspects of Liver.
2. Write an essay about The Hip Joint.

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

1. Coronary arteries.
2. Fallopian tube.
3. Great saphenous Vein.
4. Femoral sheath.
5. Superior mediastinum.
6. Rectus sheath.
7. Dorsalispedis artery.
8. Hunter's canal.
9. Bronchial tree.
10. Stomach bed.

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

1. Renal angle.
2. Constrictions of Oesophagus.
3. Hamstring muscles.
4. What is Pesplanus?
5. Costal groove.
6. Thoracic Duct.
7. Openings of Diaphragm.
8. Bulbourethral Glands.
9. What is Tendocalcaneus?
10. Epiploic foramen.

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[LE 1231] **FEBRUARY 2014** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

Answer ALL questions

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

1. Describe external and internal features of right atrium.
2. Describe the situation external features, relations and ligaments of liver.

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

1. Femoral triangle.
2. Ligaments of hip joint.
3. Dorsalis pedis artery.
4. Rectus Femoris.
5. Mesentery.
6. Second part of Duodenum.
7. Diaphragm.
8. Ischiorectal fossa.
9. Appendix.
10. Scrotum.

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

1. Cisterna Chyli.
2. Porto caval anastomosis.
3. Root value of sciatic nerve.
4. Mc Burney’s point.
5. Branches of coeliac trunk.
6. Tributaries of coronary sinus.
7. Epiploic foramen.
8. Marginal artery.
9. Porta hepatis.
10. Contents of rectus sheath.

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[LF 1231] **AUGUST 2014** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

Answer ALL questions

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

1. Define Mediastinum and classify. Write in detail the boundaries, contents and applied anatomy of Superior Mediastinum.
2. Describe the Quadrants occupied, External features, Relations, Ligaments, Blood supply, Nerve supply, Lymphatic drainage and applied anatomy of Stomach.

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

1. Histological features of Liver.
2. Sciatic nerve – origin & root value, course & relations, branches and applied anatomy.
3. Ischio-rectal fossa – boundaries, contents and applied anatomy.
4. Femoral triangle – boundaries, contents and applied anatomy.
5. Rectus sheath – Formation, contents and Applied anatomy.
6. Ilio-Tibial Tract – Formation and structures attached with it
7. Broncho-pulmonary segments - formation and structures within and applied anatomy.
8. Origin, course and relations, branches and applied anatomy of Dorsalis pedis artery.
9. Coronary sinus – formation, situation, termination and tributaries.
10. Name the ligaments of Hip joint; write their attachments.

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

1. Mariginal artery.
2. Surface marking of apex of Heart.
3. Orifices of Diaphragm.
4. Ligaments of Uterus.
5. Tributaries of azygos veins.
6. Locking and unlocking muscles of Knee joint.
7. Contents of Popliteal fossa.
8. Peroneus longus -attachments
9. Name the muscles attached with sternum.
10. Varicocele.

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[LG 1231] **FEBRUARY 2015** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum: 100 marks**

Answer ALL questions

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

1. Describe the situation, external features, relations and ligaments of the Uterus.
2. Write an essay on Pericardium.

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

1. Arches of foot.
2. Hip joint.
3. Sciatic nerve.
4. Ilio tibial tract.
5. Greater sciatic notch.
6. First rib.
7. Arch of aorta.
8. Broncho pulmonary segments.
9. Thoracic duct.
10. Oesophagus.

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

1. Fissures of lung and their levels.
2. Visceral relation of spleen.
3. Contents of inguinal canal.
4. Hydrocele.
5. Name the tarsal bones.
6. Constrictions of ureter.
7. Trigone of urinary bladder.
8. Contents of femoral sheath.
9. Tendo calcaneus.
10. Name the hamstring muscles.

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[LH 1231] **AUGUST 2015** **Sub. Code: 1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code: 581231

Time : Three Hours **Maximum : 100 marks**

Answer ALL questions

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

1. Describe the external features, relations, broncho-pulmonary segments of Lungs; add a note on the Histology of Trachea.
2. Describe the origin, extent, course and relations, branches and applied anatomy of Femoral artery.

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

1. Arch of aorta-extent, course and relations, branches and applied anatomy.
2. Inguinal canal - boundaries, contents and applied anatomy.
3. Popliteal fossa - boundaries, contents and applied anatomy.
4. Gluteus maximus - attachments, nerve supply and applied anatomy.
5. Histological features of Kidney.
6. Name the lobes, surfaces and their relations of the Liver.
7. Omental bursa - boundaries and applied anatomy.
8. Internal features of right Atrium of Heart.
9. Diaphragm- origin, insertion, relations.
10. Second part of Duodenum-situation, relations and applied anatomy.

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

1. Morison’s pouch.
2. Contents of Superior mediastinum.
3. Inversion and eversion of foot.
4. Mcburney’s point.
5. Thoracic duct.
6. Contents of Rectus sheath.
7. Name the muscles attached with Ilio-tibial tract.
8. Name the muscles forming Quadriceps femoris.
9. Tendocalcaneus.
10. Hydrocele.

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[LI 1231] FEBRUARY 2016 **Sub.Code :1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum : 100 Marks**

Answer All questions

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

1. Knee joint – type, articular ends, ligaments, synovial membrane, relations, nerve supply, blood supply applied Anatomy.
2. Spleen – Situation, shape and size, surface markings, relations, blood supply, Venous drainage, nerve supply, Lymphatic drainage, histology, Applied Anatomy.

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

1. Plantar Aponeurosis.
2. Structures under the coverings of Gluteus maximus.
3. Heart – shape and size, external feature, surface marking, nerve supply, blood supply Applied Anatomy.
4. Medial plantar nerve – origin, surface marking course, relation branches and Applied Anatomy.
5. Adductor canal.
6. Supra renal glands situation shapes, size and weight of right and left gland Nerve supply, Blood supply Applied Anatomy. Lymphatic drainage and Applied Anatomy.
7. Abdominal aorta and its branches.
8. Duodenum – Situation, shape, measurements, parts, relations Blood supply, Nerve supply, Lymphatic drainage.
9. Portal vein – formation, course and termination, relation, tributaries, communications between portal and systemic veins and Applied Anatomy.
10. Scrotum – layers of scrotum, Blood supply, Nerve supply, Lymphatic drainage.

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

1. Sesamoid bones of lower limb.
2. Guy rope’s.
3. House maid’s knee.
4. Attachments on linea aspera.
5. Epiploic foramen.
6. Meckel’s diverticulum.
7. Structure crosses the pelvic inlet.
8. Calot’s triangle.
9. Barrett’s oesophagus.
10. Medial malleolus.

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[LJ 1231] AUGUST 2016 **Sub.Code :1231**

FIRST B.H.M.S. DEGREE EXAMINATION

PAPER IV – ANATOMY - II

Q.P. Code : 581231

Time: Three Hours **Maximum : 100 Marks**

Answer All questions

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

1. Hip joint – Types, formation, ligaments with the attachments, relations, blood supply, nerve supply, and Applied Anatomy.
2. Liver - situation, surface anatomy, shape, size, lobes, peritoneal folds of the liver, relations, blood supply, nerve supply, lymphatic drainage, and Applied Anatomy.

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

1. Long saphenous vein-formation, course, relation tributaries and applied anatomy.
2. Popliteal Fossa – situation, shape, boundaries and contents.
3. Write in detail about the cutaneous nerves supply of front of the thigh.
4. Dorsalis pedis artery – surface markings, origin, course, relations, branches and applied anatomy.
5. Name the ligaments of Knee joint and their attachments.
6. Thoracic duct
7. Primary and Secondary supports of the uterus.
8. Caecum – situation, types, surface anatomy, relation and interior of caecum.
9. Rectus sheath- formation, contents and applied anatomy.
10. Pericardium- situation, types, Blood supply, venous drainage, Nerve supply and applied anatomy.

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

1. Structures passing through the greater sciatic foramen.
2. Sural nerve.
3. Tarsal tunnel syndrome.
4. The umbilicus.
5. Stomach bed.
6. Murphy’s sign.
7. Perineal body.
8. Hilton line.
9. Appendices epiploicae.
10. Lateral malleolus.

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