

M.B.B.S. DEGREE EXAMINATION – NOVEMBER, 2014  
 FIRST M.B.B.S. EXAMINATION  
 ANATOMY  
 PAPER-II

Time : 2 ½ Hours

Max. Marks: 50

Note: Answer all questions

Illustrate your answers with suitable diagrams

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- |  |            |
|--|------------|
| 1) Describe the arterial supply, venous drainage and nerve supply of the heart.  | 4+3+3=10   |
| 2) Describe the Uterus under the following headings:<br>A) Normal position<br>B) Parts with relations<br>C) Supports<br>D) Embryologic development | 1+4+3+2=10 |

WRITE SHORT NOTES ON:

5x4=20

- 3) Lesser omentum
- 4) Histology of the kidney
- 5) Deep peroneal nerve
- 6) Cruciate ligaments of the knee joint
- 7) Portacaval anastomoses

WRITE BRIEFLY ON:

5x2=10

- 8) Sex chromosomes
- 9) Down's syndrome
- 10) Costodiaphragmatic recess of pleura
- 11) Embryologic development of the suprarenal gland
- 12) Cystic artery

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**502-A-FIRST M.B.B.S. DEGREE EXAMINATION – JULY, 2013-ANATOMY-PAPER-II**

Time : 2 ½ Hrs-Max. Marks: 50-Answer all questions-Illustrate your answers with suitable diagrams

1..Describe the arches of foot and its applied Anatomy=6+4=10m

2..Describe the visceral surface of the liver. Add a note on the development and microscopic appearance of liver-4+3+3=10m

WRITE SHORT NOTES ON: 5 x =20m

- |                   |                                       |                            |  |
|-------------------|---------------------------------------|----------------------------|--|
| 3..Coronary Sinus | 4..Internal Mammary Artery.           | 5..Development of Pancreas |  |
| 6..BARR – BODY    | 7. Relations and Histology of Ovaries |                            |  |

WRITE BRIEFLY ON: 5 x 2=10m

8. Pleural recesses      9. Foramen of Winslow      10. Cruciate anastomosis  
11. Tensor Fascia Lata      12. Sinuses of Pericardium
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**502-A-FIRST M.B.B.S. DEG. EXAMINATION – NOVEMBER, 2012-ANATOMY-PAPER-II**

Time : 2 ½ Hrs-Max. Marks: 50-Answer all questions-Illustrate your answers with suitable diagrams

1..Describe the boundaries and contents of popliteal fossa. Describe origin, course and branches of popliteal artery=5+5=10m

2. Describe the uterus under the following headings: 2+2+4+2=10m

- a) Gross features      b) Relations      c) Supports      d) Development

Write Short Notes On: 5 x 4=20m

3. Differences between the left and right lungs.

4. Arterial supply of heart.

5. Microscopic Anatomy of Suprarenal Gland

6. Histology of testis

7. Femoral Sheath

Write Briefly On: 5 x 2=10m

8. Types of Ossification      9. Definition of Mesentery      10. Movements at ankle joint

11. Cribriform Fascia      12. Contents of Spermatic Cord

**502-A-FIRST MBBS. DEG. EXAMINATION-JULY, 2012-ANATOMY-PAPER-II**

1..Describe the pelvic diaphragm and its applied anatomy=6+4=10m

2..Describe the internal feature of right atrium and give its development=5+5=10m

Write short notes on: 5 x 4=20m

3..Dorsalis pedis artery      4..Popliteus muscle      5..Microscopic structure of lung

6..Down syndrome      7..Femoral sheath

Write Briefly On: 5 x 2=10m

8..Metaphysis      9..Douglas pouch      10.Ligamentum arteriosum

11.Trochanteric anastomosis      12.Pulmonary ligament

**502-A-FIRST M.B.B.S. DEGREE EXAMINATION – JANUARY, 2012-ANATOMY-PAPER-II**

1..Describe femoral artery under the following headings:

- (a) Origin and course      (b) Relations      (c) Branches      (d) Clinical importance=3+3+3+1=10m

2..Describe uterus under the following headings:

- (a) Ligaments      (b) Blood supply      (c) Lymphatic drainage      (d) Applied aspects=3+3+2+2=10m

Write Short Notes On: 5 x 4 = 20m

3..Pericardium.      4..Histology of kidney.      5..Turner's syndrome.      6..Development of urinary bladder

7. Stomach bed.

Write Briefly On: 5 x 2 = 10m

8. Name the derivatives of mesonephric duct.      9. Perineal body.      10. Hiltons Law.

11. Openings in the diaphragm.      12. Positions of Appendix.

**502-A-FIRST M.B.B.S. DEGREE EXAMINATION – JULY, 2011-ANATOMY-PAPER-II**

1.Name the arches of foot. Describe the Medial Longitudinal Arch. Add a note on its applied anatomy=2+5+3

2..Describe the Hip joint under the following headings:

- (a) Articular surfaces      (b) Ligaments      (c) movements      (d) Applied anatomy=2+2+3+3=10m

Write Short Notes On: 5 x 4 =20m

3..Greater omentum-Attachments, contents and functions.      4..Supports of uterus.

5..Histology of duodenum.      6..Karyotyping.      7. Popliteus muscle.

Write Briefly On: 5 x 2 =10m=8. Mention the derivatives of mesonephric duct in male.

9. Iliofemoral ligament      10.Epiploic foramen      11.Pleura      12.Mention the contents of the rectus sheath

**502-A-FIRST M.B.B.S. DEG. EXAMINATION – JANUARY, 2011-ANATOMY-PAPER-II**

1. Discuss right atrium under following headings: 6 + 4 =a) Gross features      b) Development

2. Discuss knee joint under following headings: =3+3+3+1=10m

- a) Ligaments      b) Movements      c) Bursae      d) Applied Anatomy

Write Short Notes On: 5 x 4 =20m

3. Down's syndrome. 4. Ureter. 5. Histology of spleen. 6. Ligaments of liver  
 7. Classification of cartilage.  
 Write Briefly On: 5 x 2=8. Sertoli cells. 9. Inguinal lymph node 10. Trigone of urinary bladder  
 11. Dorsalis pedis artery. 12. Name the branches of femoral nerve

**502-A-FIRST M.B.B.S. DEG. EXAMINATION – JULY, 2010=ANATOMY=PAPER-II**

1. Describe the hip joint under following headings: 2+2+2+2+2=10m  
 a) Type & formations b) Ligaments c) Relations d) Movements e) Applied anatomy  
 2. Describe the thoraco-abdominal diaphragm under following headings: =2+2+1+3+2=10m  
 a) Origin b) Insertion c) Nerve Supply d) Function & Development e) Applied Anatomy

Write Short Notes On: 5 x 4 =20m

3. Histology of testis 4. Thoracic duct 5. Coeliac Trunk 6. Porto-caval anastomosis  
 7. Hamstring muscles

Write Briefly On: 5 x 2 =10m

8. Transverse sinus of pericardium 9. Blood supply of lungs 10. Stomach bed  
 11. Recto-uterine pouch 12. In-vitro fertilization

**502-A-FIRST M.B.B.S. DEG. EXAMINATION – JANUARY, 2010= ANATOMY=PAPER-II**

1. Describe typical intercostal space under the following headings: =2+3+3+2=10m  
 a) Boundaries b) Contents c) Relations d) Applied aspects  
 2. Describe stomach under the following headings: 3 +3 +2+2=10m  
 a) Ligaments related b) Blood supply c) Lymphatic drainage d) Applied aspects

Write Short Notes On: 5 x 4 =20m =3. Histology of liver 4. Karyotyping

5. Interatrial septal development 6. Ligaments related to knee joint 7. Great saphenous vein

Write Briefly On: 5 x 2 =10m

8. Name the branches of femoral artery 9. Openings in the second part of duodenum  
 10. Coverings of testis 11. Root of mesentery 12. Insertion and action of peroneus longus

**502-A-FIRST M.B.B.S. DEGREE EXAMINATION – JULY, 2009-ANATOMY-PAPER-II**

1. Describe uterus under the following headings: 2+2+2½+1+2½=10=a) Parts & position b) Relations  
 c) Support d) Blood supply e) Development & Applied Anatomy  
 2. Describe the boundaries and contents of popliteal fossa. Describe origin, course and branches  
 of popliteal artery=5+5=10

Write Short Notes On: 3. Valves of Heart. 4. Broncho Pulmonary Segments.

5. Klinefelter Syndrome 6. Histology of fundic part of stomach. 7. Plantar Arch.

Write Briefly On: 8. Ring Chromosome. 9. Coverings of Kidney

10. Name the derivatives of mid gut 11. Deltoid ligament. 12. Medial ligament of knee joint

**502-A-FIRST M.B.B.S. DEG. EXAMINATION – FEBRUARY, 2009-ANATOMY-PAPER-II**

1. Describe the external, internal features, blood supply and development of right atrium=7+3=10m  
 2. Describe the course, relations branches and applied anatomy of Femoral artery=2+3+3+2=10m

Write Short Notes On:= 5x4=20m= 3. Lesser sac. 4. Medial surface of Lung.

5. Central tendon of diaphragm. 6. Mesonephric duct. 7. Mutation.

Write Briefly On:= 5x2=10m= 8. Splenic vein. 9. Deep inguinal ring. 10. Lacunar ligament.

11. Ligamentum patellae. 12. Tendocalcaneus.

**502-A-FIRST M.B.B.S. DEG. EXAMINATION – DECEMBER, 2008-ANATOMY-PAPER-II**

1. Describe origin, insertion, nerve supply and development of Diaphragm=3+3+2+2  
 2. Define Hamstring Muscles. Describe the attachments, relations, nerve supply and  
 actions of Adductor Magnus=2+4+2+1+1

Write short notes on:= 5x4=20m=3. Left suprarenal gland. 4. Histology of testis.

5. Development of Urinary Bladder. 6. Turner syndrome. 7. Inter atrial septum

Write briefly on:= 5x2=10m= 8. Sesamoid bone. 9. Lesser omentum. 10. Hilum of right lung.

11. Coronary sinus. 12. Ileo-femoral ligament.

**502-A-M.B.B.S. FIRST YR. DEG. EXAM – MARCH/APRIL, 2008-ANATOMY-PAPER-II-**

1. Describe external, internal features, Blood supply and development of Right atrium (3+3+1+3)

2. Describe the gross anatomy, relations, interior, Blood & Nerve Supply & development of urinary bladder=10  
Write short notes on-5x4=20=3. Gall bladder 4. Portal vein 5. Hila of the lungs  
6. Microscopic anatomy of stomach fundus 7. Adductor canal  
Write briefly on:-5x2=10=8. Dorsalis paedis artery 9. Saphenous opening 10. Sex chromosomes  
11. Periosteum 12. Oblique Popliteal Ligament

**502-A-FIRST M.B.B.S.DEGREE EXAMINATION-SEPT/OCT, 2007-ANATOMY-PAPER-II**

1. Describe gross features, relations, supports and development of uterus=2+2+4+2  
2. Describe the course, relations, Branches and Applied anatomy of Sciatic Nerve=3+3+2+2  
Write short notes on: 5 x 4 =3. Lesser sae 4. Microscopic Anatomy of Suprarenal 5. Azygos Vein  
6. Mutation 7. Mesentry  
Write briefly:5 x 2 =8. Dectus arteriosus 9. Pleural recesses 10. Coronary sinus 11. Nutrient artery  
12. Xipistemum

**MAY, 2007**

1. Describe Right atrium under following headings: =(2+4+2+2=10)  
a) External features b) Internal features c) Development d) Blood supply  
2. Describe Pancreas under following headings:=(3+3+2+2=10)  
a) Gross features b) Relations c) Blood supply d) Development  
3. Write Short Notes On: =5x4=20M=a) Perineal Membrane b) Porta caval Anastomoses  
c) Stomach Bed d) Popliteus muscle e) Femoral sheath  
4. Write Briefly: =5x2=a) Contents of spermatic cord b) Corpus Leuteum  
c) Branches of Common Peroneal Nerve d) Muscles supplied by anterior division of obturator  
e) Movements at Ankle Joint

**PAPER-II. SEPTEMBER-2006 (N.R.)**

1. Describe the diaphragm under the following headings:  
Origin, major openings present, nerve supply and applied anatomy=3+3+2+2=10m  
2. Describe the arterial supply of heart and add a note on its venous drainage=6+4=10m  
Write short notes on: 5 x 4 =20m; 3. Popliteal fossa 4. Inguinal lymph nodes  
5. Development of urinary bladder and its anomalies 6. Microscopic structure of lung 7. Dorsalis pedis artery  
Write briefly on: 5 x 2 =10m; 8. Turner's syndrome 9. Factors maintaining arches of foot  
10. Suprapleural membrane 11. Epiphysis 12. Transpyloric plane

**PAPER-II. (New Regulations) – APRIL-2006 (N.R.)**

1. Describe the attachments, nerve supply, openings and development of diaphragm(4+1+3+2)  
2. Describe the hip joint under the following headings: (2+2+4+2)=a) Articular surfaces b) Ligaments  
c) Movements with muscles bringing about these movements d) Applied anatomy  
Write short notes on: 5 x 4 =20m; 3. Medial surface of Lungs 4. Uterine Tube  
5. Great saphenous vein 6. Microscopic anatomy of spleen 7. Lesser sac  
Write briefly on: 5 x 2 =10m; 8. Cervical pleura 9. Right Principal bronchus 10. Barr body  
11. Sesamoid bone 12. Sinuses of the pericardium

**SEPT/OCT-2005**

1. Describe the formation, relations and tributaries of portal vein. Add a note on portal systemic anastomosis  
(1+3+2+4=10marks)  
2. Describe the boundaries and contents of femoral triangle. Add a note on its applied aspects (3+4+3=10m)  
Write short notes on: 5 x 4 =20marks  
3. Interior of right atrium 4. Pleural recesses 5. Development of uterus and its anomalies  
6. Microscopic anatomy of trachea 7. Abnormal chromosomes  
Write briefly on: 5 x 2 =8. Pulmonary ligament 9. Cruciate anastomosis 10. Epipolic foramen  
12. Bursa 13. Muscles inserted into iliotibial tract.

**PAPER-II - MAR/APR.2005**

1. Describe the kidneys under the following headings: situation, relations and development (2+6+2=10m)  
2. Describe the hip joint under the following headings: Bones taking part, ligaments, muscles bringing about  
movements and applied anatomy (2+2+4+2=10marks)  
Write short notes on: 5 x 4 =20marks; 3. Medial surface of right lung 4. Superior mediastinum  
5. Development of Pancreas 6. Microscopic anatomy of Oesophagus 7. Adductor canal  
Write briefly on: 5 x 2 =10m=8. Mutation 9. Fibrous joint 10..Fossa ovalis  
11. Ligamentum arteriosum 12. Hepato-renal pouch

**PAPER-II. (New Regulations) –OCTOBER, 2004.**

- Describe arch of aorta under following heading: (2+2+1+3+2=10marks)
    - Course
    - Relations
    - Branches
    - Development
    - Anomalies
  - Describe uterus under following heading: (2+2+1+4+1=10marks)
    - Gross features
    - Relations
    - Blood supply
    - Supports
    - Development
- Write short notes: 5 x 4 =3. Midgut rotation 4. Collateral ligaments of knee joint 5. Profund femoris artery
- Deep peroneal nerve
  - Sinuses of pericardium
- Write briefly on: 5 x 2 =10marks
- Contents of lesser omentum
  - Fascia cribrosa of saphenous opening
  - Branches of External iliac artery
  - Four features of Klinefelter's Syndrome
  - Muscles attached to greater trochanter

**PAPER-II - APRIL, 2004.**

- Describe the stomach under the following headings: (2+3+2+2+1=10marks)
  - Define Inversion and Eversion and mention the muscles responsible. Describe attachments, relations and Nerve supply of peroneal muscles. (1+2+4+2+1=10marks)
- Write short notes on: 5 x 4 =3. Right ventricles 4. Major openings in the Diaphragm
- Medial Surface of Lungs
  - Intracapsular structures of knee joint
  - Histology of Testes
- Write briefly on: 5 x 2 =10marks
- Branches of external iliac artery
  - Four features of Turner Syndrome
  - Development of the spleen
  - Posterior relations of the left kidney
  - Nerve supply of urinary bladder

**PAPER-II (New Regulations) OCTOBER, 2003.**

- Describe the pancreas under the following headings: (2+6+2=10marks)
    - Parts
    - Relations
    - Development
  - Describe the knee joint under the following headings: (1+3+3=3=10marks)
    - Type of joint
    - Ligaments
    - Muscles bringing about the movements
    - Applied Anatomy
- Write short notes on: 5 x 4 =3. Bronchopulmonary Segment 4. Posterior Mediastinum
- Pericardium
  - Meckel's diverticulum
  - Microscopic Anatomy of Thymus.
- Write briefly on: 5 x 2 =10marks
- Sternal Angle
  - Metaphysis
  - Sexu Chromatin
  - Trochanteric Anastomosis
  - Recto-uterine Pouch.

**PAPER-II (Old Regulations) OCTOBER, 2003.**

Part-A (50marks)

- Describe the diaphragm in detail. Add a note on diaphragmatic hernia. (10+5=15marks)
- Write short notes on: 7x5=a) Lesser Sac b) Microscopic appearance of ovary c) Hilum of Lung d) Karyotyping e) Moderator band or Septo marginal trabeculae f) Right Principal Bronchus.

Part-B (50marks)

- Write about the boundaries & contents of superior mediastinum & discuss about its applied importance=10+5
- Write short notes on: 7x5=35marks
  - Evertors of foot
  - Great saphenous vein
  - Femoral sheath
  - Parts of a growing long bone
  - Menisci
  - Trigone of Bladder
  - Perineal Body

**ANATOMY - PAPER-II - APRIL, 2003. (New Regulations) Time:2hrs.30mints.**

Describe azygos vein under following headings: =3+3=2+2=10marks

- Formation, course, termination
  - Relations,
  - Tributaries
  - Development
- Describe the sciatic nerve under following headings: =4+3+2+1=10marks
    - Root value, origin, course, termination
    - Relations
    - Branches
    - Applied Anatomy
  - Write short notes on: 5 x 4 =a) Hilum of the lungs b) Interosseous of the foot c) Meckels diverticulum d) Stomach bed e) Hepatic artery
  - Write brief answers on: 5 x 2 =10marks
    - Give four features of turner's syndrome
    - Non disjunction
    - Functions of periosteum
    - Four atypical features of first rib
    - Contents of pudendal canal

**ANATOMY - PAPER-II - APRIL, 2003. (Old Regulations) Time:3hrs. Marks: 100**

Part-A

- Describe the inguinal canal. Write in detail about its applied anatomy =10=5=15marks
- Write short notes on: 7 x 5 =35marks
  - Ligamentum teres
  - Bursa
  - Development of anal canal
  - Klinefelter's syndrome
  - Microscopic structure of testes
  - Hepato-renal pouch of Morrison's pouch
  - Broad ligament of uterus

Part-B

- Describe the sternocostal surface of heart and give its applied importance =10+5=15marks
- Write short notes on: 7 x 5 =35marks
  - Subtalar joint
  - Arch of aorta
  - Mediastinal surface of right lung
  - Subsartorial canal
  - Soleus
  - Trachea
  - Ilio-femoral ligament

**ANATOMY, PAPER-II – OCTOBER/NOVEMBER,2002 (New Regulations)**

1. Describe inferior vena cava under following headings: (2+3+2+3=10marks)  
a) Formation and termination b) Relations c) Tributaries d) Development
  2. Describe the arches of the foot under following headings: (3+5+2=10marks)  
a) Name the arches and their constitution b) Factors maintaining them c) Applied aspects
- Write short notes on: (5 x 4)=3. Lesser sac 4. Right coronary artery 5. Development of lung  
6. Major openings in the diaphragm 7. Histology of suprarenal gland  
Write briefly on: 5 x 2 =8. Name tributaries of coronary sinus 9. Deletion with example  
10. Functions of sertoli cells 11. Muscles attached to perineal body 12. What is Foot Drop? Give reason cause

**ANATOMY, PAPER-II – OCTOBER/NOVEMBER,2002 (Old Regulations)**

**Part-A**

1. Give the formation, relations and tributaries of portal vein. Add a note on porta-caval anastomosis=15marks
2. Write short notes on: 7x5=a) The mesentery b) Sinuses of pericardium c) Trisomy d) Cloaca  
e) Internal mammary artery f) Bronchopulmonary segments of left lung g) Interventricular septum

**Part-B**

- 1..Write about the blood supply of the heart =15marks
- 2..Write short notes on: 7x5=a) Femoral hernia b) Dorsalis pedis artery c) Bursa around knee joint  
d) Superficial perineal pouch e) Development and microscopic structure of suprarenal gland  
f) Hamstring muscle g) Epiphysis

**AUGUST,2001 – PAPER-II ( New Regulations )**

1. Give an account of the extra hepatic biliary apparatus and add a note on microscopic structure and development of the liver (5+3+2=10marks)
2. Write about the arch of the aorta and its development and add a note on its applied aspects (6+2+2=10m)
3. Write short answers on: 5 x 4 =a) Ischio-rectal fossa b) Development of kidney c) Down's syndrome  
d) Pleural recesses e) Femoral sheath
4. Write briefly on: 2 x 5 =a) Para-mesonephric duct b) Ilio inguinal nerve  
c) Factors mentioning the arches of the foot d) Taenia coli e) Anastomosis

**AUGUST, 2001 – PAPER-II ( Old Regulations )**

**Part-A**

1. Describe the prostate. Add a note on its development =15marks
2. Write short notes on: 7x5=a) Metaphysis b) Midgut rotation c) Left suprarenal gland  
d) Sex-linked inheritance e) Rectouterine pouch f) Microscopic structure of spleen g) Blood supply of pancreas

**Part-B**

3. Describe the right atrium. Add a note on its development =15marks
4. Write short: 7x5=a) Coronary sinus b) Linea Aspera c) Femoral Hernia  
d) Sinuses of pericardium e) Biceps femoris muscle f) Superior Gluteal nerve g) lower end of femur

**6<sup>th</sup> February, 2001 – PAPER-II (New Regulations)**

1. Mention about the Thoraco-abdominal diaphragm including its attachments, openings blood supply and nerve supply. Add a note on its development and applied aspects (2+2+2+2+2=10m)
2. Write briefly about the sciatic nerve including its root value, formation and branches of distribution and add a note on its applied aspects. (2+2+4+2=10marks)
3. Write short notes on: 4 x 5 =20m- a) Thoracolumbar fascia b) Appendix c) Barr body  
d) Development of spleen e) Microscopic structure of pancreas
4. Write briefly: 2 x 5 =a) Boundaries of Epiploic foramen b) Pouch of Douglas (Recto-uterine pouch)  
c) Tributaries of coronary sinus d) Constituents of ground substance (Matrix) of connective tissues  
e) Contents of anterior mediastinum

**6<sup>th</sup> February, 2001 – PAPER-II ( Old Regulations)**

**Part-A**

1. Describe the rectus sheath and its contents 2. Write short notes: 7x5=35m  
a) Modifications of deep fascia & functions b) Lymphatic drainage of stomach  
c) Head of the pancreas d) Meckle's diverticulum e) Sex chromosomes f) Azygos vein  
g) Microscopic structure of spleen

**Part-B**

3. Describe the pericardium. Add a note on its development =15marks
4. Write short notes on: 7x5=a) Ischial Tuberosity b) Palmar aponeurosis c) Splanchnic nerve  
d) Profunda Femoris artery e) Deltoid ligament f) Principal bronchii g) Intercostal muscles

**NTRUHS – 13<sup>th</sup> July, 2000. PAPER-II (Old Regulations)**

**Part-A**

1. Describe the thoracic diaphragm in detail
2. Write short notes on: 7x5=a) Lesser sac b) Gall bladder
- c) Microscopic structure of appendix d) Ischiorectal fossa e) Klinefelter's syndrome
- f) Meckel's diverticulum g) Inferior Mesenteric artery

Part-B

3. Describe the interior of the right atrium and its development =15marks
4. Write short: 7x5=a) Sacrotuberous ligament b) Femoral sheath c) Popliteal fossa
- d) Cutaneous innervation of foot e) Great saphenous vein f) Development & microscopic structure of lung
- g) superior mediastinum

**NTRUHS - 13<sup>th</sup> July, 2000 - PAPER-II (New Regulations)**

Part-A

1. Describe the gross anatomy and applied anatomy of prostate (7+3=10marks)
2. Write short notes: 5 x 3 =a) Hilum of lungs b) Development of diaphragm
- c) Lymphatic drainage of stomach d) Pudendal canal e) Deep cardiac plexus

Part-B

3. Describe the portal vein. Mention the sites of porta-caval Anastomoses (7+3=10marks)
4. Write short notes: 5 x 3=a) Barre body b) Peroneal artery c) Epiphyses d) Ileofoveal Ligament
- e) Saphenous nerve

**NTRUHS - 17<sup>th</sup> February, 2000 - PAPER-II ( Old Regulations)**

Part-A

1. Describe the portal vein and add a note on Porto-caval Anastomosis =15marks
2. Write short notes: 7x5=a) Lumbar plexus b) Bare area of liver c) Microscopic structure of spleen
- d) The mesentery e) Broad ligament f) Turner's syndrome g) Superficial perineal pouch

Part-B

3. Describe the blood supply of heart =15marks
4. Write short notes: 7x5=a) Ilio-femoral ligament b) Arterial profunda femoris c) Trendelenburg's sign
- d) Foot drop' e) Pulmonary ligament f) Popliteus muscle g) Supra pleural membrane

**NTRUHS - 17<sup>th</sup> February, 2000 - PAPER-II (New Regulations)**

Part-A

1. Describe the relations, blood supply, development, internal features and applied anatomy of 1<sup>st</sup> part of duodenum (2+2+2+2+2=10marks)
2. Write short notes on: 5 x 3 =a) Ductus arteriosus b) Urogenital diaphragm c) Rotation of midgut
- d) Medial surface of right lung e) Mutation

Part-B

3. Describe the right atrium and its development (7 +3 =10marks)
4. Write short notes on: 5 x 3 =a) Inguinal ligament b) Periosteum c) Inversion and Eversion
- d) Saphenous opening e) Medial plantar

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