

[KT 500]

AUGUST 2008

Sub. Code : 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

Revised (Non-Semester) Regulations

Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 100 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

### **I. Essay Questions :**

**(2 x 15 = 30)**

1. Describe the formation, course, relations, branches of distribution & effects of injury of median nerve.
2. Describe the pancreas under the following headings:  
parts, relations, blood supply, development and histology.

### **II. Write Short notes on :**

**(10 x 5 = 50)**

1. Lower end of humerus
2. Trisomy 21
3. Cutaneous innervations of hand
4. Abductors of hip joint and their role in gait
5. Saphenous vein
6. Ligaments of Liver
7. Structure of Kidney
8. Inguinal Ligament
9. Rectus Sheath
10. Coeliac ganglion.

### **III. Short Answer Questions :**

**(10 x 2 = 20)**

1. Name of Muscles of II layer of sole of the foot.
2. Name the Bursae around the patella.
3. Name the Abductors of the wrist joint.
4. Indicate the terminal branches of posterior cord of Brachial plexus.
5. Indicate the Tributaries of left renal vein.
6. Name the two most common positions of appendix.
7. Indicate the structure of the free border of lesser omentum.
8. Name the Arteries of the spermatic cord.
9. Name the nerves closely related to humerus.
10. Name three structures at the trans pyloric plane.

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[KU 500]

FEBRUARY 2009

Sub. Code : 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

Revised (Non-Semester) Regulations

Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 100 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

### **I. Essay Questions :**

**(2 x 15 = 30)**

1. Describe the mammary gland and give its blood supply lymphatic drainage and applied anatomy.
2. Describe the relations, Blood supply and microscopic structure of duodenum.

### **II. Write Short notes on :**

**(10 x 5 = 50)**

1. Femoral sheath.
2. Subtalar joints.
3. Histology of spleen.
4. Development of urinary bladder.
5. Superficial perineal pouch.
6. Arteria profunda brachii.
7. Turners' syndrome.
8. Lesser sac.
9. Popliteus muscle.
10. Dorsalis pedis artery.

### **III. Short Answer Questions :**

**(10 x 2 = 20)**

1. Name the structures piercing clavi pectoral fascia.
2. Give the action of lumbrical muscle.
3. Name the structures deep to flexor retinaculum of hand.
4. Give the boundaries of epiploic foramen.
5. Give the significance of Douglas pouch.
6. What is annular pancreas.
7. Name the branches of external iliac artery.
8. Name the structures piercing oblique popliteal ligament.
9. Name the arteries forming trochanteric anastomosis.
10. Name the contents of subsartorial canal.

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## FIRST M.B.B.S. DEGREE EXAMINATION

Revised (Non-Semester) Regulations

Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 100 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

### **I. Essay Questions :**

**(2 x 15 = 30)**

1. Describe the uterus under the following headings:

- a) Position & parts    b) Relations    c) Blood supply    d) Ligaments & supports  
e) Development    f) Histology    g) Applied anatomy.

2. Describe the hip joint under the following headings:

- a) Articular surfaces    b) Ligaments    c) Relations    d) Muscles & movements  
e) Applied Anatomy.

### **II. Write Short notes on :**

**(10 x 5 = 50)**

1. Great saphenous vein.
2. Blood supply of long bone.
3. Karyotyping.
4. Lesser sac.
5. Thoracolumbar fascia.
6. Histology of duodenum.
7. Axillary lymph nodes.
8. Popliteal fossa.
9. Neural tube.
10. Coeliac trunk.

### **III. Short Answer Questions :**

**(10 x 2 = 20)**

1. Enumerate the contents of spermatic cord.
2. Enumerate the bare areas of liver.
3. Name four tributaries of inferior vena cava.
4. Nerve supply of the lumbricals of the hand.
5. Name the muscles supplied by the obturator nerve.
6. Erb's point.
7. Name the contents of superficial perineal pouch.
8. Name the bones forming medial longitudinal arch of foot.
9. Enumerate four structures related to the anterior surface of left kidney.
10. Name four derivatives of ectoderm.

[KW 500]

FEBRUARY 2010

Sub. Code : 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

Revised (Non-Semester) Regulations

Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 100 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

### **I. Essay Questions :**

**(2 x 15 = 30)**

1. Describe the urinary bladder under the following headings surfaces and borders, relations, blood supply, histology and applied aspects.
2. Describe the shoulder joint under articular surfaces, capsule, ligaments, movements and muscles causing them, applied aspects.

### **II. Write Short notes on :**

**(10 x 5 = 50)**

1. Carpal tunnel.
2. Hepato renal pouch.
3. Microscopic structure of testis.
4. Supports of uterus.
5. Medial longitudinal arch of foot.
6. Blood supply of long bone.
7. Obturator nerve.
8. Epiploic foramen.
9. Klinefelter's Syndrome.
10. Menisci of knee joint.

### **III. Short Answer Questions :**

**(10 x 2 = 20)**

1. Name any two tarsal bones of the foot.
2. Name the muscles causing abduction at wrist joint.
3. Name the terminal branches of sciatic nerve.
4. Name the arteries supplying transverse colon.
5. Name the branches arising from posterior cord of the brachial plexus.
6. Name the muscles present within the deep perineal pouch.
7. Name the parts of the uterine tube.
8. Name the coverings of kidney.
9. Name the two most common positions of appendix.
10. Name the structures piercing the clavipectoral fascia.

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[KX 500]

AUGUST 2010

Sub. Code : 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

Revised (Non-Semester) Regulations

Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 100 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

### **I. Essay Questions :**

**(2 x 15 = 30)**

1. Describe the stomach under the following headings:  
parts, relations, blood supply, lymphatic drainage and applied aspects.
2. Describe the formation, course, relations, branches and distribution of radial nerve and effects of injury of radial nerve.

### **II. Write Short notes on :**

**(10 x 5 = 50)**

1. Cubital fossa.
2. Cartilagenous joints.
3. Microscopic structure of suprarenal gland.
4. Inguinal canal.
5. Ligaments around the hip joint.
6. Turner's syndrome.
7. Microscopic structure of hyaline cartilage.
8. Omental bursa.
9. Derivatives of second pharyngeal arch.
10. Peroneal retinacula.

### **III. Short Answer Questions :**

**(10 x 2 = 20)**

1. Name the arteries supplying transverse colon.
2. Name the muscles forming rotator cuff around shoulder joint.
3. Name the Hamstring muscles.
4. Name the muscles within the rectus sheath.
5. Name the branches arising from lateral cord of brachial plexus.
6. Name the ligaments present within the knee joint.
7. Popliteus muscle.
8. Name the coverings of testis.
9. Name the muscles of I layer of sole of the foot.
10. Name the muscles causing lateral rotation at hip joint.

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[KY 500]

FEBRUARY 2011

Sub. Code : 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

Revised (Non-Semester) Regulations

Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 100 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

### **I. Essay Questions :**

**(2 x 15 = 30)**

1. Describe the arches of foot in detail.
2. Describe the relations, ligaments, nerve supply, histology and applied anatomy of urinary bladder.

### **II. Write Short notes on :**

**(10 x 5 = 50)**

1. Descent of testis.
2. Klinefelter's syndrome.
3. Omental bursa.
4. Histology of suprarenal gland.
5. Blood supply of stomach.
6. Boundaries and contents of axilla.
7. Brachialis muscle.
8. Adductor canal.
9. Extensor retinacula of leg.
10. Histology of skin.

### **III. Short Answer Questions :**

**(10 x 2 = 20)**

1. Muscles attached to extensor expansion of hand.
2. Name the structures piercing clavipectoral fascia.
3. Remnants of notochord.
4. Histological features of lymph node.
5. Contents of broad ligament.
6. Lateral rotation of hip joint.
7. Name the PIN structures.
8. Name the ligaments related to spleen.
9. Contents of pudendal canal.
10. Boundaries of auscultation triangle.

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[KZ 500]

AUGUST 2011

Sub. Code : 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

Revised (Non-Semester) Regulations

Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 100 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

### **I. Essay Questions :**

**(2 x 10 = 20)**

1. Describe the brachial plexus in detail under the following headings: formation, branches and applied anatomy.
2. Describe the Male urethra in detail under the following headings: extent, parts, sphincters and blood vessels.

### **II. Write Short notes on :**

**(10 x 5 = 50)**

1. Dorsal spaces in hand.
2. Branches of axillary artery in detail.
3. Histology of kidney.
4. Locking and unlocking of knee joint.
5. Femoral nerve.
6. Formation of blastocyst.
7. Sacral plexus.
8. Second part of duodenum.
9. Internal oblique muscle.
10. Portocaval anastomosis.

### **III. Short Answer Questions :**

**(15 x 2 = 30)**

1. Button - hole deformity.
2. Brachioradialis muscle.
3. Muscle responsible for lateral rotation movement of shoulder joint.
4. Formation of superficial palmar arch.
5. Histology of layers of aorta.
6. Palthi posture.
7. Gracilus muscles.
8. Long saphenous vein.
9. Allontois.
10. Histology of cardiac muscle.
11. Transpyloric plane.
12. Branches of superior mesenteric artery.
13. Relations of inferior surface of liver.
14. Perineal body.
15. Anal fissure.

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**FIRST M.B.B.S. DEGREE EXAMINATION**  
**Revised (Non-Semester) Regulations**  
**Paper I – ANATOMY – I**  
*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 50 Marks**

Answer **ALL** questions in the same order.  
Draw Suitable diagrams wherever necessary

**I. Elaborate on :**

1. Describe the Femoral triangle under the following headings: (1 x 10 = 10)  
a. Boundaries    b. Contents    c. Femoral sheath    d. Applied aspect
  
2. Describe the Stomach under the following headings: (1 x 5 = 5)  
a. Gross features    b. Relations    c. Blood supply & nerve supply    d. Applied aspect

**II. Write Short notes on :**

**(10 x 2 = 20)**

1. Deltoid muscle
2. Flexor retinaculum
3. Popliteal fossa
4. Enumerate the ligaments & bursae around the knee joint
5. Extra hepatic biliary apparatus
6. Head of pancreas
7. Prostatic part of urethra
8. Blood supply of long bone
9. Histology of kidney
10. Descent of testis.

**III. Short Answers :**

**(15 x 1 = 15)**

1. Contents of cubital fossa
2. Nerve supply & action of lumbrical muscle of hand
3. Name the branches of axillary artery
4. Piriformis muscle
5. Name the superficial vein of lower limb with one applied aspect
6. Muscles attached with iliotibial tract
7. Ligaments of spleen
8. Blood supply of rectum
9. Trigone of urinary bladder
10. Histology of Ureter
11. Name the Sesamoid bones
12. Syndesmosis
13. Layers of aorta with applied aspect
14. Allantois
15. Derivatives of midgut.



## FIRST M.B.B.S. DEGREE EXAMINATION

### Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 100 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

**I. Elaborate on:**

	Pages (Max.)	Time (Max.)	Marks (Max.)
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- |  |    |    |    |
|--|----|----|----|
| 1. Describe the anatomy of Sciatic Nerve under the following headings:<br>a. Root value and components    b. Relations    c. Arterial supply<br>d. Branches    e. Clinical importance.                                     | 16 | 25 | 15 |
| 2. Enumerate the parts of Extrahepatic Biliary Apparatus.<br>Describe the Gall Bladder under the following headings:<br>a. Parts    b. Peritoneal relations    c. Arterial supply<br>d. Development    e. Applied anatomy. | 16 | 25 | 15 |

**II. Write notes on:**

- |   |   |   |   |
|---|---|---|---|
| 1. Lymphatic drainage of Mammary Gland and its clinical importance. | 3 | 8 | 5 |
| 2. Movements and muscles producing movements of Shoulder Joint.     | 3 | 8 | 5 |
| 3. Formation, termination and tributaries of Portal Vein.           | 3 | 8 | 5 |
| 4. Microscopic structure of Kidney.                                 | 3 | 8 | 5 |
| 5. Superior Radio Ulnar Joint.                                      | 3 | 8 | 5 |
| 6. Erb's paralysis.   | 3 | 8 | 5 |
| 7. Formation, tributaries and termination of Cephalic Vein.         | 3 | 8 | 5 |
| 8. Descent of Testes.   | 3 | 8 | 5 |
| 9. Supports of Uterus.  | 3 | 8 | 5 |
| 10. Medial Longitudinal Arch of Foot.                               | 3 | 8 | 5 |

**III. Short answers on:**

- |   |   |   |   |
|---|---|---|---|
| 1. Name the muscles which produce Inversion and Eversion of Foot.                     | 1 | 5 | 2 |
| 2. Name the structures passing through the Pudendal Canal.                            | 1 | 5 | 2 |
| 3. Give the root value of Musculocutaneous Nerve and name the muscles supplied by it. | 1 | 5 | 2 |
| 4. Enumerate the Intra Articular structures of Knee Joint.                            | 1 | 5 | 2 |
| 5. Mention the boundaries and clinical importance of Bare area of Liver.              | 1 | 5 | 2 |
| 6. Name the contents of Femoral Sheath, in order.                                     | 1 | 5 | 2 |
| 7. Enumerate the structures passing deep to the Flexor Retinaculum of Hand.           | 1 | 5 | 2 |
| 8. Name the nerves which form the Subsartorial Plexus.                                | 1 | 5 | 2 |
| 9. Name the parts of Quadriceps Femoris muscle.                                       | 1 | 5 | 2 |
| 10. Enumerate the Short Lateral Rotators of Thigh.                                    | 1 | 5 | 2 |

[LC 500]

FEBRUARY 2013

Sub. Code : 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

### Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 50 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

#### **I. Elaborate on:**

**(2 x 7.5 = 15)**

1. Describe the Pancreas under the following headings:

- |                             |                    |              |
|-----------------------------|--------------------|--------------|
| a. Type of gland with ducts | b. Gross features  | c. Relations |
| d. Blood supply             | e. Applied aspect. |              |

2. Describe the shoulder joint under the following headings:

- |                                    |                        |              |
|------------------------------------|------------------------|--------------|
| a. Type with articulating bones    | b. Ligaments and Bursa | c. Relations |
| d. Movements with muscles involved | e. Applied aspect.     |              |

#### **II. Write notes on :**

**(10 x 2.5 = 25)**

1. Biceps brachii muscle
2. Applied aspects of hand
3. Clavipectoral fascia
4. Blood supply of long bone
5. Structures under cover of gluteus maximus
6. Urinary bladder (Blood supply, nerve supply, Trigone and applied aspects)
7. Draw a neat diagram of coronal section of kidney with its coverings
8. Obturator nerve
9. Popliteal fossa
10. Enumerate the muscles of foot in each layer with nerve supply.

#### **III. Short answers on:**

**(10 x 1 = 10)**

1. Name the type of Epiphysis of fibula at both ends
2. Supra condylar fracture
3. Superficial veins of upper limb with fate.
4. Foot drop
5. Triceps surae
6. Name the ligaments around hip joint
7. Name the parts of vulva
8. Hymenal membrane
9. Perineal body (location in female with clinical importance)
10. Name any two sites of porta caval anastamosis.

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[LD 500]

AUGUST 2013

Sub. Code : 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

### Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 50 Marks**

**Answer ALL questions.**

**Draw Suitable diagrams wherever necessary**

#### **I. Elaborate on:**

**(2 x 7.5 = 15)**

1. Describe the formation, pre fixed and post fixed type, branches and applied anatomy of brachial plexus.
2. Describe the relations, blood supply, lymphatic drainage and applied anatomy of stomach.

#### **II. Write notes on:**

**(10 x 2.5 = 25)**

1. Lumbricals of hand
2. Histology of bone
3. Development of suprarenal gland
4. Lymphatic drainage of breast
5. Pronation and supination
6. Inguinal hernia
7. Great saphenous vein
8. Obturator nerve
9. Popliteus muscle
10. Ischiorectal fossa.

#### **III. Short answers on:**

**(10 x 1 = 10)**

1. Name the openings of diaphragm and their level
2. Juxta glomerular apparatus
3. Contents of broad ligament
4. Name the types of ossification with example
5. Palmaris brevis muscle
6. Root value and muscles supplied by axillary nerve
7. Muscles attached to extensor expansion of hand
8. Mention the areas drained by superficial inguinal lymph nodes
9. Name the tributaries of portal vein
10. Cruciate anastomosis.

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[LE 500]

FEBRUARY 2014

Sub. Code : 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

### Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time : Three hours**

**Maximum: 50 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

#### **I. Elaborate on:**

**(2 x 7.5 = 15)**

1. Describe the Great saphenous vein under the following headings:
  - a. Formation and Termination
  - b. Course and Relations
  - c. Tributaries and Perforators
  - d. Applied Anatomy.
2. Describe the Anal canal under the following headings:
  - a. Interior
  - b. Blood supply
  - c. Development including congenital anomalies
  - d. Applied Anatomy

#### **II. Write notes on:**

**(10 x 2.5 = 25)**

1. Mid palmar space
2. Musculocutaneous nerve
3. Extensor expansion of middle finger.
4. Ischiorectal fossa
5. Vascular segments of liver
6. Ligaments of knee joint
7. Flexor retinaculum
8. Classify the joints of the body giving suitable examples and describe a typical synovial joint
9. Short lateral rotators of the thigh.
10. Ligaments of uterus.

#### **III. Short answers on:**

**(10 x 1 = 10)**

1. Name the thenar muscles
2. Name the branches given off by the radial nerve in the radial groove
3. Meckel's diverticulum
4. Name the structures crossed by the root of mesentery in order.
5. Parts of fallopian tube
6. Name the bones that form first carpometacarpal joint.
7. Boundaries of Epiploic foramen
8. Constituents of quadriceps femoris
9. Root value, branches and applied anatomy of pudental nerve
10. Name the boundaries of femoral ring.

[LF 500]

AUGUST 2014

Sub. Code: 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

### Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time: Three Hours**

**Maximum: 50 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

#### **I. Essay:**

**(1 x 10 = 10)**

1. Describe the boundaries, contents and applied anatomy of femoral triangle.

#### **II. Write Notes on:**

**(2 x 5 = 10)**

1. Portal vein
2. Elbow joint.

#### **III. Short Answers on:**

**(10 x 3 = 30)**

1. Clavipectoral fascia
2. Blood supply of gonads
3. Quadrangular space
4. Cryptorchism
5. Histology of duodenum
6. Perineal body
7. Gluteus medius
8. Results of fertilization
9. Skin
10. Sciatic nerve.

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[LF 500]

NOVEMBER 2014

Sub. Code: 4051

## FIRST M.B.B.S. DEGREE EXAMINATION

### Paper I – ANATOMY – I

*Q. P. Code : 524051*

**Time: Three Hours**

**Maximum: 50 Marks**

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

#### **I. Essay:**

**(1 x 10 = 10)**

1. Describe the type, ligaments, relations, movements and muscles producing the movements and applied anatomy of shoulder joint.

#### **II. Write Notes on:**

**(2 x 5 = 10)**

1. Inguinal canal
2. Femoral artery

#### **III. Short Answers on:**

**(10 x 3 = 30)**

1. Mesentery
2. Cartilage
3. Somites
4. Wrist drop
5. Histology of ovary
6. Stomach bed
7. Axillary vein
8. Developmental anomalies of kidney
9. Adductor canal
10. Boundaries and contents of popliteal fossa.

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[LG 500]

FEBRUARY 2015

Sub.Code :4051

**M.B.B.S. DEGREE EXAMINATION  
FIRST YEAR  
PAPER I- ANATOMY I**

*Q.P. Code: 524051*

**Time: Three hours**

**Maximum : 50 Marks**

**Answer All Questions**

**I. Essay:** **(1 x 10 = 10)**

1. Describe the position, peritoneal and visceral relations, supports, microstructure and applied anatomy of uterus.

**II. Write notes on:** **(2 x 5 = 10)**

1. Axillary artery
2. Ligaments of knee joint

**III. Short answers on:** **(10 x 3 = 30)**

1. Median nerve in hand
2. Rectus sheath
3. Hamstring muscles
4. Microscopic anatomy of lymphnode
5. Pronation and supination
6. Second part of duodenum
7. Synovial joints
8. Deep peroneal nerve
9. Development of kidney
10. Winging of scapula

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[LH 500]

AUGUST 2015

Sub. Code: 4501

## FIRST M.B.B.S. DEGREE EXAMINATION

### PAPER I – ANATOMY - I

*Q.P. Code: 524051*

**Time : Three Hours**

**Maximum : 50 marks**

**Answer ALL questions**

#### **I. Essay:**

**(1 x 10 = 10)**

1. Describe the type, ligaments, relations, movements and muscles producing the movements and applied anatomy of Hip Joint.

#### **II. Write notes on :**

**(2 x 5 = 10)**

1. Superior Mesenteric Artery.
2. Formation and branches of Brachial Plexus.

#### **III. Short answers on :**

**(10 x 3 = 30)**

1. Ossification.
2. Spermatic cord.
3. Carpal Tunnel Syndrome.
4. Histology of Kidney.
5. Notochord.
6. Recto uterine Pouch.
7. Biceps Brachii muscle.
8. Annular Pancreas.
9. Peripheral Heart.
10. Great Saphenous Vein.

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