



**B-4001**  
**First Year M.B.B.S. Examination**  
**May/June – 2017**  
**Anatomy : Paper - I**

Time : 2½ Hours]

[Total Marks : 50

**Instructions : (1)**

<p>नीचे दशांशक निशानियाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : First Year M.B.B.S.</p> <p>Name of the Subject : Anatomy : Paper - I</p> <p>Subject Code No. : 4 0 0 1 Section No. (1, 2,.....) : 1&amp;2</p>	<p>Seat No. : [ ][ ][ ][ ][ ][ ][ ][ ]</p> <p style="text-align: center;">Student's Signature</p>
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- (2) Write each section in separate answer books.
- (3) Draw diagrams wherever necessary.
- (4) Figures to the right indicate marks.
- (5) Write to the point.

**SECTION - I**

- 1 Write short notes on explaining Anatomical / Embryological basis of : (any two) 10
  - (a) Midline swelling of the neck
  - (b) Applied anatomy of mammary gland
  - (c) Cerebellar syndrome.
  
- 2 (a) Write short notes on : (any two) 6
  - (i) Clavipectoral fascia
  - (ii) First carpometacarpal joint
  - (iii) Flexor digitorum profundus muscle.

- (b) Write short notes on : (any one) 3
- (i) Epiphysis
  - (ii) Anastomosis.
- 3 Write short notes on : 6
- (a) Development of thyroid gland
- OR**
- Derivatives of first pharyngeal arch.
- (b) Placenta previa
- OR**
- Somites.

## SECTION - II

- 4 Write short notes on : (any two) 10
- (a) Temporo-mandibular (T.M.) joint.
  - (b) Cavernous sinus with applied anatomy.
  - (c) Pterygopalatine ganglion.
- 5 (a) Write short notes on : (any two) 6
- (i) Circle of willis
  - (ii) Describe floor of the fourth ventricle with labeled diagram
  - (iii) Corpus callosum.
- (b) Write short notes on : (any one) 3
- (i) Histology of retina
  - (ii) Histology of elastic cartilage.

**6** Answer in one or two lines : (any six)

**6**

- (a) Why osteomyelitis is common in children ?
  - (b) Enumerate the contents of the carotid sheath.
  - (c) What is the action of deltoid muscle ?
  - (d) Enumerate two modification of spinal pia mater.
  - (e) Name the muscles of smiling.
  - (f) What is embryological basis of nerve supply of posterior belly of diaphragic muscle ?
  - (g) What are Hassall's corpuscles ?
  - (h) What is Horner's syndrome ?
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**B-4002**

**First Year M.B.B.S. Examination**

**May/June - 2017**

**Anatomy : Paper - II**

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 50

**Instructions : (1)**

नीचे दशांशिक निशानीवाणी विगत उत्तरवही पर अवश्य दपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="First Year M.B.B.S."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Anatomy : Paper - II"/>	<input type="text"/>
Subject Code No. : <input type="text" value="4"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="2"/>	Section No. (1, 2,.....) : <input type="text" value="1&amp;2"/>
	<input type="text" value="Student's Signature"/>

- (2) Write each section in separate answer books.
- (3) Draw diagrams wherever necessary.
- (4) Figures to the right indicate marks.
- (5) Write to the point.

**SECTION - I**

- 1 Write short notes on explaining Anatomical / Embryological basis of : (any two) 10
  - (a) Mediastinal syndrome
  - (b) Inguinal hernia
  - (c) Foot drop.
  
- 2 (a) Write short notes on : (any two) 6
  - (i) Obturator nerve
  - (ii) Ligaments of hip joint
  - (iii) Hamstrings.

- (b) Write short note on : (any one) 3
- (i) Fallot's tetralogy
  - (ii) Development of kidney.
- 3 Write short notes on : 6
- (a) Down's syndrome
- OR**
- Mendel's law.
- (b) Cloning
- OR**
- Lyon's hypothesis.

## SECTION - II

- 4 Write short notes on : (any two) 10
- (a) Deep perineal pouch
  - (b) Rectus sheath
  - (c) Coverings of kidney.
- 5 (a) Write short notes on : (any two) 6
- (i) Thoracic duct
  - (ii) Left coronary artery
  - (iii) Bronchopulmonary segments.
- (b) Write short notes on : (any one) 3
- (i) Histology of ureter
  - (ii) Histology of gall bladder.

6 Answer in one or two lines : (any six)

6

- (a) Which layer of pleura is pain sensitive and why ?
- (b) What is action of rectus femoris muscle ?
- (c) Name the deep branches of femoral artery.
- (d) What is ligament of Treitz ?
- (e) What is white pulp ?
- (f) Give two examples of X-linked recessive disorders ?
- (g) What are the type and subtype of sacroiliac joint and tarso-metatarsal joint ?
- (h) What is meralgia paraesthetica ?

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