



B-4001

First Year M.B.B.S. Examination

May/June – 2017

Anatomy : Paper - I

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

[Total Marks : 50

Instructions : (1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
First Year M.B.B.S.

Name of the Subject :
Anatomy : Paper - I

Subject Code No. : **4 0 0 1** Section No. (1, 2,...): **1&2**

Seat No. :

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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.

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[Contd...

- (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 diaphragm muscle ?
- (g) What are Hassall's corpuscles ?
- (h) What is Horner's syndrome ?

