



PR-4001
First Year M. B. B. S. Examination
June / July - 2014
Anatomy : Paper - I

Time : 2½ 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 :
F. Y. M.B.B.S.

Name of the Subject :
ANATOMY : PAPER - 1

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

Seat No. :

Student's Signature

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

SECTION - I

- 1 Write short notes on explaining Anatomical / Embryological basis of any **two** : **10**
 - (a) Medial Medullary Syndrome
 - (b) Klumpke's Paralysis
 - (c) Subclavian steal syndrome.
- 2 (a) Write short notes on : (any **two**) **6**
 - (a) Ligaments of Elbow joint
 - (b) Median Nerve in HAND
 - (c) Anatomical snuff box.
- (b) Write short notes on : (any **one**) **3**
 - (a) Pivot Joint
 - (b) Anastomosis.

- 3 Write short notes on : **6**
- (a) Blastocyst OR Somites
 - (b) Development of External Ear OR First branchial Arch.

SECTION - II

- 4 Write short notes on : (any two) **10**
- (a) Carotid triangle
 - (b) Maxillary sinus
 - (c) Hypoglossal Nerve.
- 5 (a) Write short notes on : (any two) **6**
- (a) Pyramidal Tract
 - (b) Red Nucleus
 - (c) T. S. of Pons at Facial Colliculus.
- (b) Write short notes on : (any one) **3**
- (a) Histology of Tongue
 - (b) Histology of Pituitary gland
- 6 Answer in one or two sentences : (any six) **6**
- (a) What is function of interosseus membrane between radius and ulna ?
 - (b) What is Horner's syndrome ?
 - (c) What is effect of Radial nerve in groove ?
 - (d) Which is safety muscle of Tongue ? Why ?
 - (e) What is function of Wernicke's area ?
 - (f) Where are oxytocin and ADH formed ?
 - (g) How roof of 4th ventricle is formed ?
 - (h) Give two connections of Dentate Nucleus.



PR-4002

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Fillup strictly the details of signs on your answer book.

Name of the Examination :
F. Y. M. B. S.

Name of the Subject :
ANATOMY : PAPER - II

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

Seat No. :

Student's Signature

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

SECTION - I

- 1 Write short notes on explaining Anatomical/Embryological basis of any two : 10
 - (a) Foot drop
 - (b) Prolapse of uterus
 - (c) Myocardial infarction.
- 2 (a) Write short notes on any two : 6
 - (a) Movements of Knee Joint
 - (b) Gluteus Maximus
 - (c) Obturator nerve.

(b) Write short notes on any one : 3

 - (a) Development of Kidney
 - (b) Development of Analcanal..

- 3 Write short notes on : 6
- (1) Karyotyping OR Down's syndrome
 - (2) Holandric Inheritance OR X-linked Inheritance.

SECTION - II

- 4 Write short notes on any two : 10
- (a) Fallopian tube
 - (b) Rectus sheath
 - (c) Superior Mesentric Vessels.
- 5 (a) Write short notes on any two : 6
- (a) Typical Intercostal space
 - (b) Root of Lung
 - (c) Pericardium.
- (b) Short notes on any one : 3
- (a) Histology of Kidney
 - (b) Histology of Duodenum.
- 6 Write answer in one or two sentences : (any six) 6
- (a) What is Policeman of Abdomen ?
 - (b) What is McBurney's point ?
 - (c) What is action of pectineus ?
 - (d) What is function of cruciate ligaments of Knee ?
 - (e) What is fossa ovalis ?
 - (f) How roof of epiploic foramen formed ?
 - (g) What is blood supply of interventricular septum ?
 - (h) Name any two structures crossed by root of mesentery.