



\* P R - 4 0 0 1 \*

**PR-4001**

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

**June / July - 2014**

**Anatomy : Paper - I**

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

[Total Marks : 50

**Instructions : (1)**

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination :</p> <p><b>F. Y. M.B.B.S.</b></p> <p>Name of the Subject :</p> <p><b>ANATOMY : PAPER - 1</b></p> <p>Subject Code No. : <b>4 0 0 1</b> Section No. (1, 2,...): <b>1&amp;2</b></p>		<p>Seat No. :</p> <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> <p>Student's Signature</p>						

- (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 4<sup>th</sup> ventricle is formed ?
  - (h) Give two connections of Dentate Nucleus.