

First MBBS (2019) Examination, (Phase - III) Winter - 2021  
ANATOMY - I

Total Duration : Section A + B = 3 Hours

Section B Marks : 80

SECTION - B

- Instructions :**
- 1) Use blue/black ball point pen only.
  - 2) Do not write anything on the **blank portion of the question paper**. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All questions are compulsory.**
  - 4) The number to the **right indicates full marks.**
  - 5) Draw diagrams **wherever necessary.**
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
  - 7) Use a common answer book for Section B.

2. Brief Answer Question (Solve any 10 out of 11):- [10 × 2 = 20]
- a) A medical student while hearing a boring lecture, had a wide yawn and was unable to close the mouth thereafter. Name the condition & joint involved. What is its anatomical basis?
  - b) Enumerate the characteristics of X linked inheritance
  - c) Enumerate any four effects of middle cerebral artery occlusion following thromboembolism
  - d) Enumerate the specific sensory nuclei of thalamus along with the tract terminating in them
  - e) Why the 2nd week of development is called "week of twos"?
  - f) Give attachments, nerve supply and actions of Teres major
  - g) Enumerate any four structures in the floor of the 4th ventricle
  - h) Draw and label, the microscopic structure of thyroid gland
  - i) Enumerate the layers of cornea with their function
  - j) Enumerate the contents of middle ear
  - k) What are the layers of cranial dura? Enumerate the dural folds in the skull.

**3. Short Answer Questions(Solve any 8 out of 9)****[8 × 5 = 40]**

- a) Translocation of chromosomes
- b) Lentiform nucleus
- c) Claw hand
- d) Clinical anatomy of tongue
- e) Describe microscopic structure of parotid gland
- f) Ansa cervicalis
- g) External carotid artery
- h) Pharyngeal pouches
- i) Ethics in dissection hall

**4. Long Answer Questions (Solve any 2 out of 3) :-****[2 × 10 = 20]**

- a) Describe cerebellum under following heads - Anatomical parts (4), Blood supply (2). Connections (4)
- b) Describe larynx under following heads - Intrinsic muscles (4), Nerve supply (2), Interior (2) & applied anatomy (2)
- c) Describe breast under following heads - Gross anatomy (4), Microscopic structure of passive mammary gland (2), Applied anatomy (4)

