

0422EANAT

First Year MBBS Examination

I MBBS Anatomy Paper 1

Time: 3 hours Max Marks: 100

Date: 01-02-2021

Instructions: 1. Answer to the points. 2. Figure to the right indicates marks. 3. Use separate answer books for each section. 4. Draw diagrams wherever necessary. 5. Write legibly.

## Section 1

1. Fill in the blanks: (6)

- Red nucleus is situated at \_\_\_\_\_ level of mid brain.
- \_\_\_\_\_ nerve injury leads to wrist drop.
- The length of auditory tube in adult person in \_\_\_\_\_ mm.
- Hyoid bone develops from \_\_\_\_ and \_\_\_\_ arches.
- Nasolacrimal duct open into \_\_\_\_\_ meatus.
- Broca's Area is located in \_\_\_\_\_ gyrus.

2. Answer the following MCQ: (4)

- \_\_\_\_\_ a. Lowest projection of ligamentum denticulum \_\_\_\_\_

- lies at which level of spinal nerves; a) T9-T10  
b) T12-L1 c) S2-S3 d) S4-S5
- b. Rotator cuff is formed by all except; a)  
Supraspinatus b) Infraspinatus c) Teres major  
d) Subscapularis
- c. Recurrent laryngeal nerve supplies all muscles,  
except; a) Posterior cricoarytenoid b) Oblique  
arytenoids c) Lateral cricoarytenoid d)  
Cricothyroid
- d. Which of the following air sinuses is first to  
develop? a) Maxillary b) Ethmoidal c) Frontal  
d) Sphenoidal
3. A young female comes to OPD with history of fall  
on the shoulder having deformity in her right arm  
hangs by the side, it is adducted and medially  
rotated and her right forearm is extended and  
pronated. a) What is the site of injury and  
involved nerve roots? b) Names the muscles  
paralysed. c) What are the disability due to it?  
(15)
4. Write short notes on (Any five): (10)
- Spina bifida
  - Nasal septum
  - Autosomal Recessive Inheritance
  - Spermio genesis
  - Pyramidal tract
-

f. Secondary cartilaginous joints

## Section 2

5. Explain briefly (Any three): (15)
  - a. Circle of Wills
  - b. Tympanic membrane
  - c. Lymphatic drainage of breast
  - d. Deltoid muscle
6. Describe PAROTID GLAND under the following headings: a) Gross anatomy b) Relations c) Nerve supply d) Clinical anatomy (20)
7. Write short notes on (Any five): (10)
  - a. Ciliary Ganglion
  - b. Median cubital vein
  - c. Floor of fourth ventricle
  - d. Development of tongue
  - e. Branches of external carotid artery
  - f. Structure forming placental barrier
8. Explain briefly (Any four): (20)
  - a. Lateral medullary syndrome
  - b. Internal capsule
  - c. Styloid apparatus
  - d. Microanatomy of palatine tonsil
  - e. Ulnar nerve in hand