

Date: 09-02-2024

2243 E653

First Year MBBS Examination

I MBBS Anatomy Paper 1

Time: 3 hours

Max Marks: 100

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. Write the following structured Long question (any 1 out of 2) 1X10=10 marks

- a. Describe the formation and branches of the Brachial Plexus. What is Erb's Paralysis? (3+4+3)
- b. Define the wrist joint under the following headings (a) Type of Joint (b) Movements (c) Nerve Supply (d) Ligaments (e) Applied aspects (1+2+2+3+2)

2. Write the following case-based scenario

(any 2 out of 3) 2X6=12 marks

- a. A 26 year old man came with complaints of tingling and numbness over the index and middle fingers. The patient was unable to hold objects between his fingers and thumb and there was flattening of the thenar eminence. (a) Name the condition and the nerve involved. (b) Name the thenar muscles. (c) Which structure is surgically cut to relieve the symptoms? (2+2+2)
- b. A 40 year old man came to the OPD with rapidly growing painful swelling on face below ear lobule on the left side. On examination, patient was unable to close left eye and blow cheeks, and ear lobule was lifted by swelling. (a) Which structure was swollen? (b) Name the vital structures present inside the swollen structure. (c) Why was the patient unable to close left eye and blow cheeks? (2+2+2)
- c. A 68 year old lady was brought to emergency in an unconscious state. She was a known diabetic and hypertensive. CT scan revealed she had haemorrhagic stroke involving internal capsule. e (a) Mention the blood supply of internal capsule. (b) Enumerate its parts with diagram. (c) Write about the function of internal Capsule. (2+2+2)
-

3. Write short notes (any 3 out of 4)

- a. Development of Thyroid gland
- b. Histology of Spinal Cord
- c. Compare and contrast the three types of muscles
- d. Ball and socket joint

4. Answer only 2-3 sentences (any 5 out of 6)

- a. Spina bifida
- b. Mention three histological features of artery
- c. Draw and label the microanatomy of compact bone
- d. Types of epiphysis
- e. Cleft Lip
- f. Sesamoid Bone

Section 2

5. Write the following structured Long question (any 1 out of 2)

- a. Describe the tongue under the following headings Development (b) Microanatomy (c) Muscles (d) Nerve supply
- b. Describe the larynx under the following headings (a) Location (b) Cartilaginous framework (c) Applied aspects (d) Muscles & Nerve supply

6. Write short notes (any 2 out of 3)

- a. Little's area :
- b. Cubital Fossa
- c. Carotid triangle

7. Write short notes (any 3 out of 4)

- a. Floor of 4th ventricle
- b. Broca's area
- c. Bell's palsy
- d. Trigeminal nerve and its divisions

8. Answer only 2-3 sentences (any 5 out of 6)

- a. Structures piercing clavipectoral fascia

- b. Circle of Willis
- c. Waldeyer's ring
- d. Boundaries of suboccipital triangle
- e. Parts of corpus callosum
- f. Muscles supplied by musculocutaneous nerve

www.FirstRanker.com