

First Year MBBS Examination

Date: 08-01-2024

I MBBS Anatomy Paper 1 (New)

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. Multiple Choice Question (20)

- a. thoracic nerve supplies which muscle? A. Deltoid B. Serratus anterior C, Biceps brachii D. Latissimus dorsi
- b. Frontal bone is example of A. Short bone B. Sesamoid bone C, Pneumatic bone D. Long bone
- c. Pseudostratified Epithelium is present in a) Ulcer B. Stomach c Trachea D. Gall bladder
- d. Example of Pivot joint is A. Shoulder joint B. Median Atlantoaxial joint C First carpometacarpal joint D. Elbow joint

- e. Elastic Cartilage is present in A, Trachea B, Pinna C. Intervertebral disc D. All of above
- f. Ape-thumb deformity is due to damage to A, Radial nerve B. Ulnar nerve C. Median nerve D. Musculocutaneous nerve
- g. Which of the following structure does not pierce clavipectoral fascia A Median pectoral nerve B. Cephalic vein C. Thoracoacromial artery D. Lateral pectoral nerve
- h. Sigmoid venous sinus continues as: A, Occipital sinus B. Cavernous sinus C. Internal jugular vein D. Superior petrosal sinus
- i. Which of the following structures does not form tonsillar bed? A. Pharyngobasilar fascia B. Superior constrictor C, Buccopharyngeal fascia D. Buccinator
- j. Which of the following is NOT carried by posterior column tract? A. Position B. Touch C. Vibration D. Temperature
- k. Supination of the forearm while the elbow is flexed is done by A. Supinator B. Triceps brachii C. Biceps brachii D. Brachialis
- l. Red nucleus is situated in: A. Midbrain B. Medulla C. Pons D. Cerebellum

- m. Sternocleidomastoid muscle is supplied by A.
Radial nerve B. Dorsal scapular nerve C.
Spinal accessory nerve D. Suprascapular
nerve
- n. Axillary nerve supplies A. Deltoid and teres
major B. Deltoid and Pectoralis major C.
Deltoid and Teres minor D. Deltoid and
Pectoralis minor
- o. Implantation commonly occurs at which site A.
Posterior uterine wall B. Anterior uterine wall
C. Cervix d. Fallopian tube
- p. Posterior cerebral artery is the branch of: A.
External carotid artery B. Subclavian artery C.
Vertebral artery D. Basilar artery
- q. Purkinje cells are characteristics of A.
Cerebellum B. Dorsal root ganglion C.
Cerebrum D. Nerve trunk
- r. Remnant of Notochord in adult is a A.
Vertebrae B. Nucleus Pulposus C. Muscles D.
Skin
- s. All of the following are contents of carotid
sheath EXCEPT: A. Internal carotid artery B.
Internal jugular vein C. External jugular vein D.
Vagus nerve
-

- t. skin over the angle of mandible is supplied by?
(A) Cervical nerve (C2-C3) B. Facial nerve C.
Trigeminal nerve D. Auriculotemporal nerve

Section 2

1. Long answer questions (1 out of 2) (10)
 - a. Write down boundaries, content & applied aspect of Axilla. (4+4+2)
 - b. Write root value and course, branches and applied aspect of Radial nerve, (3+4+3)
1. Case Based Questions (2 out of 3) (10)
 - a. A 35 years female was operated last week for breast cancer came with bony swelling on right side of the back, On examination doctor found prominent medial border of right scapula which become more prominent on patient pushing against wall, a. What is the condition?
b. Which structure involved in this? c, Why this condition occurs after operation for breast cancer?
 - b. A 25 year old man with history of penetrating wound of the parotid gland came with

complaints of redness and pain with sweating while eating food. When he shaves, there is cutaneous hyperesthesia in front of the ear. He was diagnosed with Frey's syndrome. (2+2+1)

a. Which type of injury occurs to spinal cord ?

b. Which tracts involved in 2 condition? c.

Write signs and symptoms this condition. N

- c. A 47 year old patient was brought to a neurologist with motor and sensory symptoms, which he had started having a road traffic accident. After thorough neurological examination, he was diagnosed as a case of Brown Sequard syndrome, (1+2+2) Which type of injury occurs of spinal cord? b. Which tracts involved in this condition? c. Write signs and symptoms this condition.

1. 4A.Short answer questions: Short Notes (10)

- a. Blood supply of long bone OR Modifications of deep fascia 05
- b. Histology of Elastic artery OR (O Histology of Elastic Cartilage 5

~~1. 4B.Short Answer questions: (Short Notes) apy~~

Two (10)

- a. Blood Supply and Lymphatic Drainage of Mammary gland
- b. Lateral wall of Nose :
- c. Middle ear cavity

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Section 3

1. Long answer questions (1 out of 2) (10)
 - a. Write nuclei, course and branches and applied aspects of facial nerve, (1)
 - b. Write extent and relations, blood supply, and applied aspects of Thyroid p
 1. Short answer questions (Short Notes) (2 out of 3) (10)
 - a. Internal capsule
 - b. Circle of Willis of Brain
 - c. Draw and Label section of pons at the level of Facial colliculus
 1. Short answer questions: Short Notes = (10)
 - a. Histology of Cornea OR Histology of Cerebrum
 - b. Development of Face OR Development of Tongue
 1. Write Answer in one or two sentences: Any five (10)
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- a. Write boundaries of cubital fossa
- b. Write action of deltoid
- c. What is dangerous area of Face br
- d. What are Hassall's corpuscles 27 w-
- e. What is sesamoid bone? Give examples
- f. Write fascial spaces of hand, wh:

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