

LIFELINE INSTITUTE OF PHYSIOTHERAPY

FIRST INTERNAL EXAMINATION

Subject- ANATOMY

Time: 25 min

Date:

INSTRUCTIONS: Read each statement carefully and ENCIRCLE the LETTER of the correct answer.

SECTION-A

MULTIPLE CHOICE QUESTIONS

1×20=20 marks

1. Which bone is also known as funny bone?
 - a) Radius
 - b) Humerus
 - c) Ulna
 - d) Scapula

2. Which is the longest bone in upper limb?
 - a) Ulna
 - b) Scapula
 - c) Clavicle
 - d) Humerus

3. What are the major muscles that make up shoulder?
 - a) Biceps, triceps, deltoid
 - b) Deltoid, triceps, pectoralis major
 - c) Pectoralis major, latissimus dorsi, serratus anterior
 - d) Deltoid, supraspinatus, infraspinatus

4. The patient with pain and weakness in forearm and wrist has difficulty in extending fingers. Which nerve is injured?
 - a) Radial nerve
 - b) Median nerve
 - c) Ulnar nerve
 - d) Axillary nerve

5. Which nerve arises from roots of C5-C7 and provides motor innervation to extensor muscles of forearm.
 - a) Radial nerve
 - b) Median nerve
 - c) Ulnar nerve
 - d) Axillary nerve

6. Name of joint between scapula and clavicle
 - a) Glenohumeral joint
 - b) Sternoclavicular joint
 - c) Acromioclavicular joint
 - d) Coracoclavicular joint

7. Which nerve passes through anatomical snuff box?
 - a) Radial nerve
 - b) Ulnar nerve
 - c) Median nerve
 - d) Axillary nerve

8. Which one of the following is not a carpal bone?
 - a) Scaphoid
 - b) Lunate
 - c) Talus
 - d) Fibula

9. Which one of following is not a long bone?
 - a) Clavicle
 - b) Scapula
 - c) Radius
 - d) Fibula

10. Wrist drop occurs due to palsy of
 - a) Radial nerve
 - b) Ulnar nerve
 - c) Median nerve
 - d) Axillary nerve

11. Damage to upper trunk of brachial plexus leads to
 - a) Erbs palsy
 - b) Klumpkes palsy
 - c) Ape hand
 - d) Pointing finger

12. Blood pressure in upper limb is measured by compressing which of following artery.
 - a) Axillary artery
 - b) Brachial artery
 - c) Ulnar artery
 - d) Subclavian artery

13. Following are branches of lateral cord of brachial plexus except
 - a) Lateral pectoral nerve
 - b) Lateral root of median nerve
 - c) Ulnar nerve
 - d) Musculocutaneous nerve

14. All of the following are seen in cubital fossa except
 - a) Brachial artery
 - b) Median nerve
 - c) Tendon of biceps brachii
 - d) Ulnar nerve

15. Which of the following is ball and socket joint
- a) Elbow joint
 - b) Shoulder joint
 - c) Radioulnar joint
 - d) Wrist joint
16. Nerve supply of deltoid muscle
- a) Axillary nerve
 - b) Radial nerve
 - c) Ulnar nerve
 - d) Long thoracic nerve
17. All of the following are branches of axillary nerve except
- a) Subscapular artery
 - b) Suprascapular artery
 - c) Superior thoracic artery
 - d) Lateral thoracic artery
18. Which of the following is the action of brachioradialis
- a) Flexion at wrist joint
 - b) Flexion at elbow in midprone forearm
 - c) Extension of forearm
 - d) Extension of wrist
19. Nerve not related to shaft of Humerus
- a) Radial nerve
 - b) Median nerve
 - c) Axillary nerve
 - d) Ulnar nerve
20. Injury to radial nerve in spiral groove related to paralysis of
- a) Long head of triceps
 - b) Brachioradialis
 - c) Anconeus
 - d) Extensor carpi radialis longus

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Subject- PHYSIOLOGY

Time: 1 hour 35 min

SECTION-B

SHORT ANSWER QUESTIONS (any 5)

5×3=15 Marks

1. Describe the boundaries of axilla and its contents.
2. Describe in details about the muscles forming rotator cuff and their nerve supply.
3. Describe boundaries and contents of cubital fossa.
4. Draw a well labelled diagram of brachial plexus and enumerate branches of lateral cord of brachial plexus.
5. Write a brief note on structures passing through flexor retinaculum.
6. Boundaries and contents of anatomical snuff box.

SHORT ANSWER QUESTIONS (any 3)

3×5=15 Marks

1. Write a note on lymphatic drainage of mammary gland.
2. Write a brief description of median nerve and its branches and muscles supplied by it.
3. Describe muscles causing pronation and supination of forearm.
4. Describe structures passing deep to extensor retinaculum.

SECTION-C

LONG ANSWER QUESTIONS

2×15=30 Marks

1. Describe shoulder joint under following headings
 - a) Type and articular surface
 - b) Capsule and ligaments
 - c) Movements at joint and muscles passing through them
 - d) Applied anatomy

OR

Describe radial nerve under following headings

- a) Origin and root value
- b) Course
- c) Distribution and structures
- d) Applied anatomy

2. Describe elbow joint under following headings
- a) Type and articular surface
 - b) Capsule and ligaments
 - c) Movements at joint and muscles passing through them
 - d) Applied anatomy

OR

Describe in detail about the branches of third part of axillary artery