

VINAYAKA MISSION'S KIRUPANANDA VARIYAR MEDICAL
COLLEGE, SALEM
I MBBS (2018-19)
I INTERNAL ASSESSMENT EXAMINATION
UPPER LIMB

Date: 22.10.2018 Maximum: Time: 09.30 am-12.30 pm Maximum: 80 marks
(Fifteen minutes) Sec. A: 15 marks
(Two hours and Forty five minutes) Sec. B : 65 marks


Answer **ALL** questions
Answer Section A in the MCQ answer sheet
Answer Section B in the Plain answer sheets

SECTION - A

I. MULTIPLE CHOICE QUESTIONS : (15X1=15 marks)
(Time: 9.30-9.45 am)

***NOTE: Select the most appropriate answer and write the alphabet corresponding to the most appropriate answer in the answer sheet provided.**

- Injury to accessory nerve would result in:
 - Loss of sensation over the shoulder
 - Inability to shrug the shoulder
 - Medial border of scapula being prominent
 - Porter's tip hand deformity
- Shoulder tip pain is a referred pain carried by the following nerve:
 - Supraclavicular
 - Suprascapular
 - Upper subscapular
 - Lower subscapular
- The superficial vein located in the deltopectoral groove is:
 - Basilic
 - Axillary
 - Cephalic
 - Median cubital
- The following muscles are components of the rotator cuff **except**:
 - Supraspinatus
 - Infraspinatus
 - Teres major
 - Subscapularis


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5. The following is not supplied by a branch of the radial nerve in the spiral groove:
- A. Long head of triceps
 - B. Medial head of triceps
 - C. Lateral head of triceps
 - D. Anconeus
6. Student's elbow is a disorder of:
- A. Common superficial extensor origin
 - B. Common superficial flexor origin
 - C. Olecranon bursa
 - D. Superior radioulnar joint
7. The brachial artery:
- A. Terminates at the level of neck of radius
 - B. Pulsations can be palpated lateral to tendon of biceps brachii
 - C. Gives off posterior circumflex humeral branch
 - D. Is the continuation of subclavian artery
8. Retraction of nipple in carcinoma of mammary gland is due to:
- A. Lymphatic vessel invasion by cancerous cells
 - B. Fibrous tissue pulling on the suspensory ligaments
 - C. Contracting fibrous tissue pulling on the lactiferous ducts
 - D. Invasion of retromammary space
9. The following nerve supplies palmaris longus:
- A. Ulnar
 - B. Anterior interosseous
 - C. Posterior interosseous
 - D. Median
10. The radial bursa encloses:
- A. Radial nerve
 - B. Radio-ulnar joint
 - C. Tendon of flexor pollicis longus
 - D. First lumbrical
11. The following structures pass deep to flexor retinaculum **except**:
- A. Median nerve
 - B. Ulnar bursa
 - C. Flexor digitorum superficialis
 - D. Palmar cutaneous branch of median nerve
12. The following are related to the cubital fossa **except** :
- A. Pronator quadratus
 - B. Supinator
 - C. Brachialis
 - D. Brachioradialis

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13. The following form the boundaries of the cervicoaxillary canal **except**:
- A. Clavicle
 - B. Coracoid process
 - C. Outer border of first rib
 - D. Upper border of scapula
14. Musculocutaneous nerve supplies:
- A. Pectoralis major
 - B. Brachialis
 - C. Deltoid
 - D. Triceps brachii
15. The following pierces the supinator:
- A. Posterior interosseous nerve
 - B. Anterior interosseous nerve
 - C. Ulnar nerve
 - D. Median nerve

SECTION - B

II. WRITE ESSAYS ON: (2X15 =30 marks)

1. Describe the brachial plexus in detail including its root value, formation, location, branches and clinical importance (2+5+2+4+2=15)
2. Describe the shoulder joint in detail including the type of joint, articulating surfaces, ligaments, relations, arterial supply, nerve supply, factors providing stability to the joint, movements & muscles producing movements and applied anatomy. (1+2+2+2+1+1+1+4+1=15)

III. WRITE SHORT NOTES ON: (5X5 = 25 marks)

3. Lymphatic drainage of mammary gland
4. Clavipectoral fascia
5. Spaces in the back of arm
6. Extensor retinaculum
7. Axillary artery

IV. ANSWER BRIEFLY ON: (5X2=10 marks)

8. Saturday night palsy.
9. Carpal tunnel syndrome.
10. Clinical importance of deltoid.
11. Winging of scapula.
12. Colles' fracture.

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