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**ANS NO 1:-**

 **CUBITAL FOSSA**

**DEF:-**

The fossa of anterior elbow, which is bounded laterally and medially by humeral origins of the flexor and extensor tendons of the foreman and superiorly by a virtual line connecting the humeral condyles.

 **CONTENTS OF CUBITAL FOSSA**

**From medial to lateral side**

1. Median nerves
2. Brachial artery **(**Divide into radial a and ulnar a**)**

Usually at apex of fossa

1. Biceps brachii tendons
2. Deep branch of radial nerve.

**ANSWER NO 2 :-**

 **NAME AND ACTION OF MUSCLES**

* **MUSCLES OF ARM:-**

**FLEXORE COMPORTMENT**

1. Biceps bracii

ACTION:-

 Flexure of supinated forearm

1. Croco branchealis

ACTION:-

 Flexes and the adducts of the arm

1. Branchealis

ACTION:-

 Power full flexure of forearm

**EXTERIOR COMPARTMENT**

1. Triceps

ACTION:-

 Extend the forearm

 **MUSCLES OF FOREARM**

* **ANTERIOR COMPARTMENNT**

**SUPERFACIAL**

1. Pronator

ACTION :-

 Poranation ,flexion of forearm

1. Flexion carpiulnaris

 ACTION:-

 Flaxes and adducts the hand

1. **Paalmaris longus**

ACTION:-

 Flexion. The wrist and teightens the plamer aponeurosis

1. Flexion carpi radialis

ACTION:-

 Flexsion and abduction of wrist

1. Flex Digitorum super facialis (sublimus)

ACTION:-

 Flexion of all joints it cross

**DEEP**

1. Flexion Digitorum profundus

ACTION :-

 Flexion DIP,PIP,MP,wrist

1. Flexion Pollicis Longus

ACTION:-

 Flexion of proximal and distal phalx of the thumb

1. Pronator Quadrates

ACTION:-

 Pronation

**POSTIRIOR COMPORTMENT**

**SUPER FACIAL**

1. Anconeus

ACTION:-

 Extension of fore brain

1. Branchioradiallis

ACTION:-

 Acc flexion of elbow

1. Ext carpi radialis longus

ACTION:-

 Extend and abducts the hand

1. Ext carpi radialis brevis

ACTION:-

 Extend and abduct the wrist

1. Ext Digitorum

ACTION:-

 Extension at MCP,IP joint, Extend of wrist when the finger are attended

1. Ext Digiti minimi

ACTION :-

 Extend the 5th MC,PIP extend of wrist when little finger in extension

1. Extension Carpiulnaris

ACTION:-

 Extend and abducts the hand

**DEEP**

1. Abductor pollicis longus

ACTION:-

 Abducts and extends, lateral rotates the carpometacarpal joint and abduct the wrist.

1. Extension pollicis Brevis

 ACTION:-

 Extension of metacarpophalangeal joint of thumb

1. Extension pollicis longus

ACTION:-

 Extend the distal phalanx of the thumb at MP joint, IP joint and it can contribute.

1. Extension indicis

ACTION:-

 Extend the index figure.

1. Supinator

ACTION:-

 Supination

 **MUSCLES OF HAND**

1. **THENAR MUSCLES**
2. **HYPOTHENAR MUSCLES**
3. ***THENAR MUSCLES***
* Abductor pollicis brevis

ACTION:-

 Abduction at carpometacarpal, MP joint

* Flexion pollicis brevis

Action:-

 Flexes the proximal phalanx of the thumb at MCP and medial rotation at carpometacarpal joint.

* Opponens pollicis

ACTION:-

 Opposition of the thumb in combination of the flexion and medial rotation.

* Abductor pollicis

ACTION:-

 Abducts the proximal phalanx of the thumb.

1. **HYPOTHENAR MUSCLES**
* Palmaris Brevis

ACTION:-

 Help in the grapping by wrinkling of skin over it.

* Abductor Digiti minimi

ACTION:-

 Abducts the 5th digit.

* Flexion digiti minimi

ACTION:-

 Flexion the prox phalanx of the 5th digit at MCP joint.

**ANSWER NO 3 :-**

  **CRANIUM**

**DEF:-**

 The top of skull which protects the brain. The cranium includes the frontal , parietal , occipital , temporal , sphenoid and ethemoid bones.

The skull of a vertebrate

The part of skull that encloses the brain

 **NUMBER OF BONES IN**

* SKULL 08
* FACE 14