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Assignment.: Anatomy

Questions No 1.....

Write brief note on joints of the upper limb?

Answer.....

. UPPER LIMB

The upper limb has a wide range of precise movements associated with it to allow us to effectively interact with our environment the 6 main joints covered here from proximal to distal are the sternoclavicular acromioclavicular shoulder elbow radioulnar and wrist joints.

. JOINTS OF UPPER LIMB.

The joints of free upper limb (articulation of the upper extremity except the shoulder girdle) are:

- . Shoulder
- . elbow
- .wrist

- .radius
- .ulna
- .carpals
- .metacarples
- . phalanges.

.FUNCTIONS OF UPPER LIMB.

An extremity or appendage that is distinct from the head and trunk an arm ,leg flipper or wing.limbs for locomotion,such as walking running,flying,climbing,swimming.some use their front and manipulate objects.

. SHOULDER JOINT.

. Articulation....

This occur between the rounded head of the humerous and the shallow pear shaped glenoid cavity of the scapula .

The glenoid cavity is deepened by the presence of atibrocartiligious rim called the glenoid labrum.

.CAPSULE.

This surround joint is attached .

- . medially
- .laterally.

.ligaments.

.glenohumeral.

.transverse humeral.

.coracohumeral.

.NERVE SUPPLY.

Axillary and suprascapular.

. ELBOW JOINT...

The trochlea and capitellum of the humerus.

Trochlear notch of the ulna and the head of the radius.

. CAPSULE..

It is anteriorly attached by:

.above

.to front

.below

Posteriorly..

.above

.below

. LIGAMENTS.....

The radial lateral collateral ligaments.

- .by its apex
- .by its base

. NERVE SUPPLY.....

- .ulnar nerve
- .radial nerve
- .median nerve

. WRIST JOINT.....

These joint are articulates

- .above
- .below
- .capsule

.Capsule...

The capsule enclosed the joint and attached distal and end of radius and ulna proximal row carpal bones.

. LIGAMENTS...

- .medial
- .lateral

.medial...

.Origin.....

- .ulnar styloid process

.insertion..

- .scaphoid and trapezium.

.Lateral..

.origin..

Styloid process of radius.

. insertion..

Scaphoid and trapezium

. NERVE SUPPLY..

.anterior interosseous nerve

.deep branch of the radial nerve.

.HAND JOINT ..

. Articulation..

Between the individual bones of the proximal row of the carpal.

Distal row of carpal bone .

. CAPSULE...

The capsule surrounded each joint .

. Ligaments..

.Anterior

.Posterior

.interosseous Ligaments.

.

NERVE SUPPLY...

.Anterior interosseous nerve.

.Deep branch of the radial and ulnar nerve.