

## Midterm Lab Assignment

Fall 2020.

Submitted by:

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Total marks: 30

Topic: Write brief note on the joints of upperlimb.

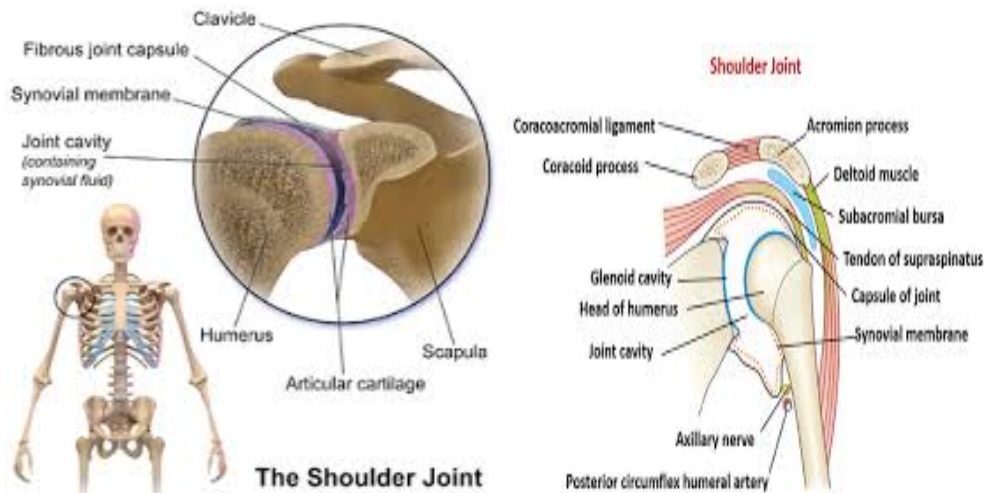
### Joints of Upper limbs

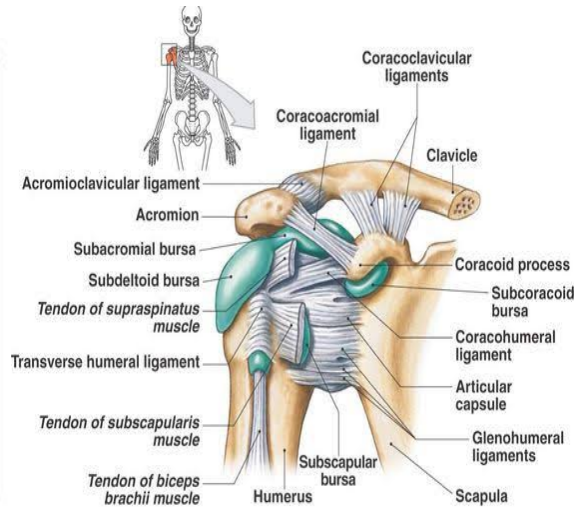
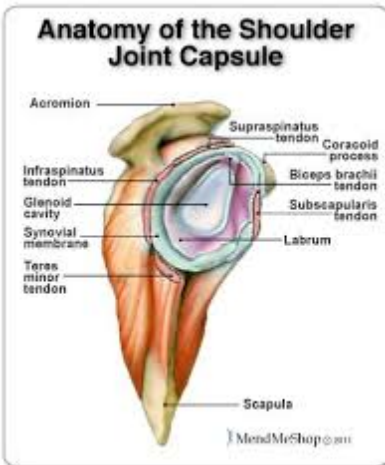
- Articulation

The articular surface *are covered by hyaline articular cartilage*

### Shoulder joint:

the joint connecting an upper limb or forelimb to the body. It is a ball-and-socket joint in which the head of the humerus fits into the socket of the scapula.





- **Elbow joint**

The elbow is the joints connecting the upper arm to forearm. It is classified as a hinge type synovial joint.

- **Structure of elbow joints**

Trochlear notch of the ulna and the trochlea of the humerus.

Head of the radius and the capitulum of the humerus.

- **Capcule**

Anteriorly

It is attached

**Above :** to the humerus along the upper margins of the coranoid and radial fossae

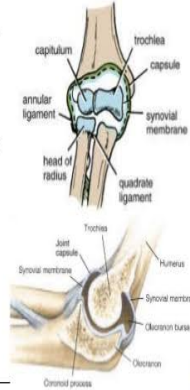
**To the front :** of the medial and lateral epicondyles.

**Below :** to the margin of the coranoid process ulna and unliar ligament which surrounded

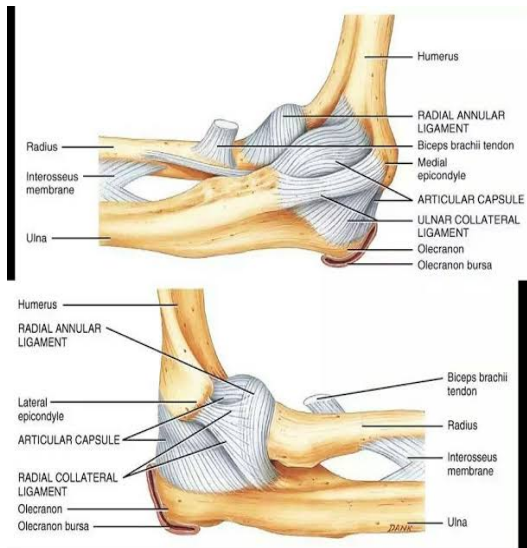
## Cont.. Elbow joint

### Synovial membrane and bursae of elbow joint :

- The elbow joint has a synovial membrane-lined joint capsule that is contiguous between the hinge and radioulnar aspects of the joint. The synovial lining covers the internal surface of the fibrous joint capsule and the nonarticular surfaces of the joint that are located intracapsularly.
- The major bursa in the elbow joint is the subcutaneous olecranon bursa, found in the connective tissue over the olecranon.



the head of radius.



**Posterior :** It is attached

**Above :** to the margin of the olecranon fossa of the humerus.

**Below :** to the upper margin and sides of the olecranon process of the ulna and to the annular ligament.

### Wrist joint

The wrist joint (also known as the radiocarpal joint) is a synovial joint in the upper limb, marking the area of transition between the forearm and the hand.

# Joint Capsule



# Cross Section



Carpal bones  
Joint spaces

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