

Check Sheet #3 – Upper Limb
(Source: Steele and Bramblett 1988)

(features, marked in **bold**, indicate those minimally required for the practical exam)

The Clavicle

6.8

A. Left superior view

1. **sternal facet (end)**
2. **shaft**
3. **acromial portion (lateral end)**
4. attachment for the deltoid muscle
5. acromial facet

B. Left inferior view

1. sternal facet
2. **costal tuberosity**
3. **conoid tubercle**
4. **oblique line (trapezoid line)**
5. groove for the subclavius muscle

The Scapula

6.9

A. Right ventral view

1. lateral angle (head)
2. neck
3. **body**
4. **coracoid process**
5. subscapular fossa
6. lateral line (3 markers)
7. **lateral border (axillary border)**
8. **vertebral border**
9. **inferior angle**
10. superior angle
11. **suprascapular notch**
12. infraglenoid tubercle
13. **glenoid cavity**
14. tubercle for the coracoclavicular ligament

B. Right dorsal view

1. **spine**
2. supraspinous fossa
3. infraspinous fossa
4. **acromion process**
5. greater scapular notch

C. Right lateral view

1. glenoid cavity
2. acromion process
3. coracoid process
4. greater scapular notch

The Arm

7.2 **Humerus:**

A. Left ventral view

1. **head**
2. **anatomical neck**
3. **lesser tubercle**
4. **intertubercular groove (sulcus) bicipital groove**
5. **greater tubercle**
6. crest of the greater tuberosity
7. crest of the lesser tuberosity
8. **lateral epicondyle**
9. **medial epicondyle**
10. medial epicondylar ridge
11. lateral epicondylar ridge
12. **trochlea**
13. **capitulum**
14. **coronoid fossa**
15. radial fossa
16. ulnar groove

7.3

A. Proximal end of the Humerus

1. head
2. anatomical neck
3. surgical neck
4. greater tuberosity
5. intertubular groove
6. crest of lesser tuberosity
7. crest of greater tuberosity

B. Distal end of humerus

1. medial epichondyle
2. **olecranon fossa**
3. lateral epicondyle
4. lateral epicondylar ridge
5. humeral condyle
6. trochlea
7. capitulum
8. coronoid fossa
9. radial fossa
10. ulnar groove

7.2 C.

5. deltoid tubeosity

7.4

The Ulna

A. Left ventral view

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1. **olecranon process**
2. **trochlear notch**
3. ulnar tuberosity
4. supinator crest
5. nutrient foramen
6. **interosseous margin**
7. **head**
8. articular circumference

B. Left dorsal view

1. olecranon
2. supinator crest
3. head
4. **styloid process**

C. Left lateral view

1. trochlear notch
2. olecranon process
3. **coronoid process**
4. **radial notch**
5. supinator crest
6. interosseous margin
7. head
8. styloid process
9. groove for the extensor carpi ulnaris

D. Left medial view

1. olecranon process
2. coronoid process
3. ulna tuberosity
4. head
5. styloid process
- 7.5

A. Left ventral view of proximal end

1. olecranon process
2. trochlear notch
3. guiding ridge
4. ulna tuberosity
5. coronoid process
6. radial notch
7. supinator crest

B. Left lateral view of the proximal end

1. olecranon process
2. trochlear notch
3. guiding ridge

4. radial notch
5. coronoid process
6. supinator crest

C. left medial view of the distal end

1. head
2. styloid process
- 7.6

The Radius

A. Left medial view

1. **head**
2. articular circumference
3. **radial tuberosity**
4. **interosseous margin**
5. **ulnar notch**
6. **carpal articular surfaces**

B. Left dorsal view

1. head
2. interosseous margin
3. dorsal tubercle
4. groove for the extensor carpi radialis longus
5. groove for the extensor carpi radialis brevis
6. groove for the extensor pollicis longus
7. groove for the extensor indicis and extensor digitorum

C. Left lateral view

1. head
2. attachment for the pronator teres
3. **styloid process**
4. groove for the abductor pollicis longus
5. groove for the extensor pollicis brevis
6. dorsal tubercle

D. Left ventral view

1. head
2. neck
3. radial tuberosity
4. interosseous margin
5. nutrient foramen
6. styloid process
- 7.7

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A. Left medial view of proximal end

1. articular circumference
2. radial tuberosity

B. Left medial view of the distal end

1. articular surface for the scaphoid
2. articular surface for the lunate
3. ulnar notch

The Wrist, Hand, and Fingers

8.2

A. The Carpus

1. 1-5 metacarpals

2. trapezium

3. trapezoid

4. capitate

5. hamate

6. scaphoid

7. lunate

8. triquetral

9. pisiform

8.3

The Scaphoid

A. Right dorsal view

1. articular facet for the radius
2. articular facet for the trapezium
3. articular facet for the trapezoid

B. Right distal view

1. articular surface for the capitate
2. articular surface for the lunate

C. Right palmar view

1. scaphoid tubercle

D. Right proximal view

1. articular surface for the radius
2. scaphoid tubercle

The Lunate

8.4

B. Right distal view

1. facet for the capitate
2. facet for the triquetral
3. facet for the hamate

The Triquetral

B. Right palmar view

1. facet for the pisiform
2. facet for the lunate
3. facet for the hamate

C. Right dorsomedial view

1. facet for the pisiform
2. facet for the lunate

D. Right distolateral view

1. facet for the hamate

E. Right proximal view

1. facet for the lunate

8.6

The Pisiform

A. Left dorsal view

1. facet for the triquetral

B. Left palmar view

1. groove for the ulnar artery

The Trapezium

A. Right dorsal view

1. facet for the metacarpal 1
2. facet for the scaphoid

B. Right palmar view

1. facet for the metacarpal 1
2. facet for the trapezoid
3. palmar ridge
4. facet for the metacarpal 2

C. Left distolateral view

1. facet for the metacarpal 1

D. Right medial view

1. facet for the scaphoid
2. facet for the trapezoid

The Trapezoid

8.8

A. Right distolateral view

1. facet for the trapezium
2. facet for metacarpal 2

B. Right proximal view

1. facet for the scaphoid

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C. Right proximolateral view

1. facet for the trapezium

D. Right medial view

1. facet for the capitate
2. facet for the metacarpal 2
3. facet for the scaphoid

The Capitate

8.9

A. Right lateral view

1. facet for the scaphoid
2. facet for the trapezoid
3. facet for the metacarpal 2

B. Right mediopalmar view

1. facet for the lunate
2. facet for the hamate
3. facet for the metacarpal 3

C. Right palmar view

1. facet for the lunate
2. facet for the scaphoid
3. facet for metacarpal 2

The Hamate

8.10

A. Right lateral view

1. hamulus
2. facet for the capitate

B. Right medial view

1. facet for the triquetral
2. facet for the lunate

C. Right distal view

1. facet for the metacarpal 4
2. facet for the metacarpal 5

Metacarpal I

8.11

A. Left dorsal view

1. **head**
2. **shaft**
3. **base**

B. Left lateral view

1. **facet for the trapezium**

C. Left medial view

1. facet for the trapezium

D. Left proximal view

1. facet for the trapezium

Metacarpal II

8.12

B. Right lateral view

1. **facet for the trapezium**
2. **facet for the trapezoid**

C. Right medial view

1. facet for the capitate
2. **facet for the metacarpal III**

D. Right proximal view

1. facet for the trapezium
2. facet for the trapezoid
3. facet for the capitate

Metacarpal III

8.13

A. Right dorsal view

1. **styloid process**

B. Right lateral view

1. **facet for metacarpal II**

C. Right medial view

1. **facet for metacarpal IV**

D. Right proximal view

1. styloid process
2. facet for the capitate
3. facet for metacarpal II

Metacarpal IV

8.14

B. Left lateral view

1. **facet for metacarpal III**

C. Left medial view

1. **facet for metacarpal V**

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D. Left proximal view

1. facet for the metacarpal III
2. facet for the hamate

Metacarpal V

8.15

A. Right dorsal view

1. facet for the hamate
2. medial tubercle

B. Right lateral view

1. **facet for metacarpal IV**

D. Right proximal view

1. facet for the hamate