

## Anatomy Of The Hand Quiz PDF

Anatomy Of The Hand Quiz PDF

Disclaimer: *The anatomy of the hand quiz pdf was generated with the help of StudyBlaze AI. Please be aware that AI can make mistakes. Please consult your teacher if you're unsure about your solution or think there might have been a mistake. Or reach out directly to the StudyBlaze team at [max@studyblaze.io](mailto:max@studyblaze.io).*

**Which artery is primarily responsible for supplying blood to the thumb?**

- Ulnar artery
- Radial artery
- Brachial artery
- Axillary artery

**Which bone is located in the proximal row of the carpal bones?**

- Trapezium
- Scaphoid
- Capitate
- Hamate

**Explain how the structure of the hand allows for both strength and dexterity in its movements.**

**Which of the following are common symptoms of carpal tunnel syndrome? (Select all that apply)**

- Numbness in the thumb
- Pain in the wrist
- Weakness in the little finger
- Tingling in the index finger

**Explain the role of the radial and ulnar arteries in the vascular supply of the hand.**

**Which muscle is part of the thenar group?**

- Abductor digiti minimi
- Flexor pollicis brevis
- Opponens digiti minimi
- Palmaris longus

**What are the potential consequences of an untreated scaphoid fracture?**

**Describe the anatomical structure and function of the metacarpophalangeal joints.**

**What are the functions of the ulnar nerve in the hand? (Select all that apply)**

- Innervates the thenar muscles
- Provides sensation to the little finger
- Controls the hypothenar muscles
- Supplies the lateral two lumbricals

**Which of the following are intrinsic muscles of the hand? (Select all that apply)**

- Lumbricals
- Flexor digitorum profundus
- Interossei
- Abductor pollicis brevis

**Discuss the differences between the intrinsic and extrinsic muscles of the hand.**

**Which carpal bone is most commonly fractured?**

- Lunate
- Pisiform
- Scaphoid
- Trapezoid

**Which structures pass through the carpal tunnel? (Select all that apply)**

- Median nerve
- Ulnar artery
- Flexor digitorum superficialis tendons
- Flexor pollicis longus tendon

**Outline the pathway and function of the median nerve in the hand.**

**Which nerve is most commonly associated with carpal tunnel syndrome?**

- Ulnar nerve
- Radical nerve
- Median nerve
- Axillary nerve

**What type of joint is the metacarpophalangeal joint?**

- Hinge joint
- Ball and socket joint
- Saddle joint
- Condylloid joint

**Which bones form the distal row of the carpal bones? (Select all that apply)**

- Trapezium
- Lunate
- Capitate
- Hamate

**What is the primary function of the flexor retinaculum?**

- Stabilize the wrist joint
- Form the carpal tunnel
- Protect the ulnar nerve
- Connect the phalanges

**How many phalanges are present in one human hand?**

- 10
- 12
- 14
- 16

**Which of the following are types of grips performed by the hand? (Select all that apply)**

- Power grip
- Precision grip
- Hook grip

Ball grip