

Anatomy Fundamentals Quiz

Anatomy · Answer Key · 8 Questions

1. Which of the following bones is the longest and heaviest bone in the human body?

- A) Humerus
- B) Tibia
- C) Femur**
- D) Fibula

2. The primary function of the alveoli in the lungs is:

- A) Producing mucus
- B) Filtering pathogens
- C) Facilitating gas exchange**
- D) Warming inhaled air

3. What is the anatomical term for the kneecap?

- A) Scapula
- B) Patella**
- C) Clavicle
- D) Sternum

4. The adrenal glands are primarily responsible for producing which class of hormones?

- A) Thyroid hormones
- B) Insulin
- C) Steroid hormones (e.g., cortisol, aldosterone)**
- D) Growth hormone

5. Which blood vessel carries deoxygenated blood from the right ventricle to the lungs?

- A) Aorta
- B) Pulmonary artery**
- C) Superior vena cava
- D) Pulmonary vein

6. The primary function of the nephrons in the kidneys is:

- A) Synthesizing bile
- B) Filtering blood and producing urine**
- C) Storing glycogen
- D) Regulating body temperature

7. What is the anatomical term for the upper arm bone?

- A) Radius
- B) Ulna
- C) Humerus**
- D) Tibia

8. The cerebellum is primarily involved in:

- A) Processing sensory information
- B) Regulating emotions
- C) Coordinating voluntary movements and balance**
- D) Controlling heart rate and breathing