

## Skeletal System Quiz Answer Key PDF

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**Which of the following are functions of the skeletal system?**

- A. Support ✓**
- C. Protection ✓**
- D. Blood cell production ✓**
- C. Hormone production

**Which condition is characterized by a decrease in bone density?**

- A. Arthritis
- C. Scoliosis
- D. Rickets
- C. Osteoporosis ✓**

**How many bones are typically found in an adult human skeleton?**

- A. 198
- C. 214
- D. 220
- C. 206 ✓**

**What is the primary mineral stored in bones?**

- A. Iron
- C. Calcium ✓**
- D. Potassium
- C. Sodium

**Which bone is part of the axial skeleton?**

- A. Femur
- C. Sternum ✓**
- D. tibia
- C. Humerus

**Which of the following is a type of bone found in the human body?**

- A. Circular
- C. Flat
- D. Triangular
- C. Long ✓**

**Which bones are part of the appendicular skeleton?**

- A. Skull
- C. Scapula ✓**
- D. Vertebrae
- C. Femur ✓**

**Which of the following are common bone disorders?**

- A. Osteoporosis ✓**
- C. Asthma
- D. Arthritis ✓**
- C. Scoliosis ✓**

**What are the types of bone tissue?**

- A. Compact ✓**
- C. Dense
- D. Fibrous
- C. Spongy ✓**

**Which bones are classified as long bones?**

- A. Femur ✓**
- C. Sternum

- D. Radius ✓
- C. Humerus ✓

**Which type of bone cell is responsible for breaking down bone tissue?**

- A. Osteoblast
- C. Osteoclast ✓
- D. Chondrocyte
- C. Osteocyte

**Which nutrients are essential for maintaining healthy bones?**

- A. Vitamin C
- C. Vitamin D ✓
- D. Iron
- C. Calcium ✓

**What type of joint is found in the shoulder?**

- A. Hinge
- C. Ball and socket ✓
- D. Saddle
- C. Pivot

**What is the function of red bone marrow?**

- A. Store fat
- C. Store calcium
- D. Provide structural support
- C. Produce blood cells ✓