

## Bones And Bone Markings Quiz PDF

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**Which bone marking is a rounded articular projection?**

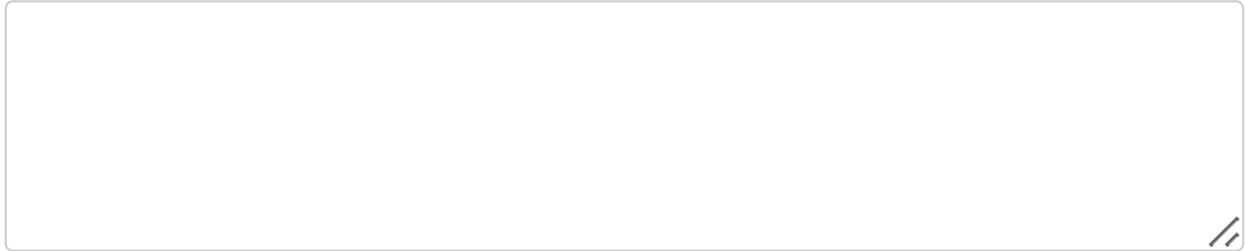
- Crest
- Spine
- Fossa
- Condyle

**Which bones are part of the appendicular skeleton? (Select all that apply)**

- Femur
- Scapula
- Sternum
- Fibula

**How do bone markings help in the identification of skeletal remains in forensic science?**

**Explain the role of red bone marrow in the skeletal system.**



**Which type of bone is primarily responsible for protecting internal organs?**

- Long bones
- Flat bones
- Irregular bones
- Short bones

**What is the primary function of osteoblasts?**

- Break down bone tissue
- Form new bone tissue
- Produce red blood cells
- Store fat

**Which of the following is a depression in a bone?**

- Tubercle
- Fossa
- Line
- Crest

**Which bone cell is responsible for bone resorption?**

- Osteoblast
- Osteoclast
- Chondrocyte
- Osteocyte

**Which part of the bone contains the growth plate in children?**

- Diaphysis
- Metaphysis
- Periosteum

- Epiphysis

**What is the significance of the periosteum in bone health and repair?**

**Discuss the impact of osteoporosis on bone structure and function.**

**Which bone markings are found on the femur? (Select all that apply)**

- Greater trochanter  
 Lesser trochanter  
 Olecranon  
 Acetabulum

**Which bones are considered part of the axial skeleton? (Select all that apply)**

- Skull  
 Vertebrae  
 Ribs  
 Humerus

**What is the name of the bone marking that allows the passage of nerves and blood vessels?**

- Tuberosity  
 Trochanter  
 Epicondyle

- Foramen

**Explain how the structure of a long bone supports its function in the body.**

**Which of the following are functions of bones? (Select all that apply)**

- Support  
 Mineral storage  
 Blood cell production  
 Hormone production

**What type of bone is the patella classified as?**

- Long bone  
 Flat bone  
 Sesamoid bone  
 Short bone

**Identify the projections that serve as attachment points for muscles and ligaments. (Select all that apply)**

- Tuberosity  
 Crest  
 Foramen  
 Fossa

**Which of the following are components of a long bone? (Select all that apply)**

- Diaphysis  
 Epiphysis  
 Sinus  
 Medullary cavity

**Describe the differences between compact bone and spongy bone in terms of structure and function.**