

HEOC 101 Basic Anatomy & Physiology Lab  
Week 3 - Chapters 6 and 7

Chapter 6 Skeletal System

1. The cells responsible for making bone are the:
  - a. osteoclasts
  - b. osteoblasts
  - c. osteon
  - d. osteocytes
  
2. The lower arm bone that is lateral and attached to the thumb is the:
  - a. ulna
  - b. humerus
  - c. radius
  - d. carpals
  
3. The "jaw" is composed of the:
  - a. temporal & mandibular bones
  - b. maxilla & mandible
  - c. mandible only
  - d. maxilla only
  
4. The vertebral column can be described best as:
  - a. 33 – 35 separate back bones
  - b. 4 groups of bones
  - c. 24 separate bones and 2 sets of 4-5 fused bones
  - d. a solid bony column
  
5. When a person sits upright, which pelvic bones contact the chair? (Through muscle, fat & skin)
  - a. ischia
  - b. coccyx
  - c. ilia
  - d. symphysis pubis
  
6. The lower leg has two bones. How are they arranged?
  1. tibia is lateral
  2. fibula is lateral
  3. tibia is medial
  4. fibula is medial
    - a. 2 only
    - b. 2 & 3
    - c. 1 & 4
    - d. none of the above
  
7. When weight from the leg is transferred to the ankle, which ankle bone(s) take(s) the weight directly from the tibia?
  - a. calcaneus
  - b. talus
  - c. all the carpals
  - d. all the metatarsals