

## **Muscolino: The Muscular System Manual: The Skeletal Muscles of the Human Body, 3<sup>rd</sup> Edition**

### **Chapter 2: The Skeletal System**

#### **Test Bank**

#### **MULTIPLE CHOICE**

1. Which are structural classifications of a joint?
  - a. synarthrotic, amphiarthrotic, diarthrotic
  - b. synarthrotic, fibrous, synovial
  - c. uniaxial, biaxial, triaxial
  - d. fibrous, cartilaginous, synovial

ANS: D

2. Which are functional classifications of a joint?
  - a. synarthrotic, amphiarthrotic, diarthrotic
  - b. fibrous, cartilaginous, synovial
  - c. synarthrotic, synovial, triaxial
  - d. diarthrotic, cartilaginous, nonaxial

ANS: A

3. Synovial joints are usually classified as which of the following?
  - a. synarthrotic
  - b. diarthrotic
  - c. nonaxial
  - d. ball-and-socket

ANS: B

4. Fibrous joints are usually classified as which of the following?
  - a. synarthrotic
  - b. diarthrotic
  - c. nonaxial
  - d. ball-and-socket

ANS: A

5. Which of the following describes a joint that allows motion around two axes?
  - a. uniaxial
  - b. triaxial
  - c. nonaxial
  - d. biaxial

ANS: D

6. Which of the following are biaxial joints?
- pivot and hinge
  - ball-and-socket
  - condyloid and saddle
  - pivot and condyloid

ANS: C

7. The elbow joint is classified as which of the following?
- pivot
  - hinge
  - saddle
  - condyloid

ANS: B

8. The hip joint is classified as which of the following?
- hinge
  - ball-and-socket
  - biaxial
  - cartilaginous

ANS: B

9. Which motions are usually permitted by a hinge joint?
- flexion and extension
  - medial rotation and lateral rotation
  - abduction and adduction
  - right lateral flexion and left lateral flexion

ANS: A

10. Which motions are usually permitted by a pivot joint?
- flexion and extension
  - rotations
  - abduction and adduction
  - lateral flexions

ANS: B

11. Which is a saddle joint?
- elbow
  - hip
  - carpometacarpal of the thumb
  - atlantoaxial

ANS: C

12. Which type of joint usually allows the most motion?
- a. fibrous
  - b. cartilaginous
  - c. synovial
  - d. synarthrotic

ANS: C

13. Which type of joint is usually least mobile?
- a. fibrous
  - b. cartilaginous
  - c. synovial
  - d. amphiarthrotic

ANS: A