

Chapter 1: Foundations of Structural Kinesiology

Multiple Choice Quiz

1. New bone is formed by specialized cells known as:

- A) collagen.
- B) epiphyseal plates.
- C) osteoblasts.**
- D) osteoclasts.

2. The epiphysis is formed from:

- A) cancellous bone.**
- B) spongy bone.
- C) trabecular bone.
- D) All of the answers are correct.

3. An imaginary two-dimensional surface through which a limb or body segment is moved is known as a:

- A) functional line of reference.
- B) longitudinal axis of motion.
- C) plane of motion.**
- D) range of motion.

4. The fibrous membrane covering the inside surface of the cortex is the:

- A) endosteum.**
- B) medullary cavity.
- C) osteoclast.
- D) periosteum.

5. A hollow or depression in a bone is a:

- A) fossa.**
- B) fovea.
- C) sinus.
- D) sulcus.

6. The growth plate at each of a long bone is known as the _____ plate.

- A) endosteal
- B) epiphyseal**
- C) epiphysis
- D) medullary

7. An instrument used to measure the range of motion in a joint is known as a(n):

- A) angleometer.
- B) arthrometer.
- C) goniometer.**
- D) jointometer.

8. The tibia is _____ to the fibula.

- A) distal
- B) inferior
- C) medial**
- D) proximal

9. Slightly movable joints are classified as:

- A) amphiarthrodial.**
- B) arthrodial.
- C) diarthrodial.
- D) synarthrodial.

10. All freely movable joints are classified as:

- A) amphiarthrodial.
- B) arthrodial.
- C) diarthrodial.**
- D) synarthrodial.

11. Which of the following joint types does not have motion in the transverse plane?

- A) Condylloid**
- B) Glenohumeral
- C) Sellar
- D) Trochoid

12. The _____ plane divides the body into front and back halves.

A) horizontal

B) lateral

C) sagittal

D) transverse

13. Which of the following joint types does not have motion in the frontal plane?

A) Condylod

B) Enarthrodial

C) Ginglymus

D) Sellar

14. The wrist is an example of the _____ joint.

A) arthrodial

B) condyloid

C) sellar

D) trochoid

15. Which of the following joints or joint types does not have motion in the sagittal plane?

A) Condylod

B) Glenohumeral

C) Sellar

D) Trochoid