

## STUDY GUIDE

## ● The Skeletal System

Write the letter of the term or phrase that best completes each statement.

- \_\_\_\_\_ 1. The skeleton stores large quantities of \_\_\_\_\_ and phosphorous for later use by the body.  
 a. iron                                      b. calcium                                      c. blood                                      d. nitrogen
- \_\_\_\_\_ 2. Blood cells are formed in the \_\_\_\_\_ of some bones.  
 a. red marrow                                      b. cartilage                                      c. osteoblasts                                      d. ligaments
- \_\_\_\_\_ 3. The \_\_\_\_\_ is a tight-fitting membrane that covers the surface of bone.  
 a. osteoclast                                      b. joint                                      c. periosteum                                      d. cartilage
- \_\_\_\_\_ 4. The cavities in the center of large bones are filled with a fatty tissue called \_\_\_\_\_.  
 a. cartilage                                      b. marrow                                      c. ligaments                                      d. calcium
- \_\_\_\_\_ 5. \_\_\_\_\_ are bone-forming cells.  
 a. marrow                                      b. osteoblasts                                      c. cartilage                                      d. osteoclasts
- \_\_\_\_\_ 6. Bones are held together by tough bands of tissue called \_\_\_\_\_.  
 a. cartilage                                      b. joints                                      c. ligaments                                      d. periosteum
- \_\_\_\_\_ 7. The joints that connect the bones of the \_\_\_\_\_ are immovable joints.  
 a. knee                                      b. arm                                      c. shoulder                                      d. skull
- \_\_\_\_\_ 8. In a \_\_\_\_\_ joint, one bone rotates in a ring around another stationary bone.  
 a. gliding                                      b. pivot                                      c. hinge                                      d. ball-and-socket
- \_\_\_\_\_ 9. Your elbows, knees, and fingers all have \_\_\_\_\_ joints.  
 a. gliding                                      b. pivot                                      c. hinge                                      d. ball-and-socket
- \_\_\_\_\_ 10. In a \_\_\_\_\_ joint, one part of a bone slides over another bone.  
 a. gliding                                      b. pivot                                      c. hinged                                      d. ball-and-socket

Complete the following sentences using the appropriate words from the textbook.

11. All the bones in your body make up your \_\_\_\_\_.
12. Your skeletal system gives \_\_\_\_\_ and \_\_\_\_\_ to your body.
13. Bones protect your \_\_\_\_\_.
14. The \_\_\_\_\_ of a bone provides clues about its job within the body.
15. Before you were born, your skeleton was first made in the form of \_\_\_\_\_.
16. Bone cells called \_\_\_\_\_ break down bone cells.
17. Any place where two or more bones meet is a \_\_\_\_\_.
18. A \_\_\_\_\_ joint allows the body to make a wide range of movements.