

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Musculoskeletal System

- 1. How many bones is the skeletal system composed of at adulthood?**
  - 2. What is produced within bone marrow?**
  - 3. Which blood cells are responsible for carrying oxygen from the lungs to working muscles and vital organs such as the brain and heart?**
  - 4. Which blood cells are part of the body's immune system that fights infection?**
  - 5. What plays an important role in the clotting of open wounds?**
  - 6. What is the tubular shaft that runs between the proximal and distal ends of the bone?**
  - 7. What is the wider section at each end of the bone called?**
  - 8. What does yellow bone marrow produce?**
  - 9. Which skeleton forms the main trunk of the body?**
  - 10. Which skeleton forms the extremities?**
  - 11. What is the general term that describes the inflammation of the joints?**
  - 12. What is the inflammation of fluid-filled pads (bursae) that act as cushions at the joints?**
  - 13. What is the thinning of bone tissue and decreased mechanical strength called?**
  - 14. What is the condition which refers to a problem with a rubbery disk between the spinal bones?**
  - 15. What is the form of arthritis characterized by severe pain, redness, and tenderness in joints?**
- A. red and white blood cells**
  - B. Osteoporosis**
  - C. Red blood cells**
  - D. Appendicular**
  - E. Platelets**
  - F. Gout**
  - G. Axial**
  - H. fat, cartilage, and bone**
  - I. epiphysis**
  - J. diaphysis**
  - K. 206**
  - L. White blood cells**
  - M. Bursitis**
  - N. arthritis**
  - O. herniated disk**