

Structure and Function in Living Systems

Name:

Body Organization & Structure Practice Questions

Period:

Try these practice questions by first using just your brain. Then make sure you got the answers right by checking in Chapter 15.

- _____ 1. What is a group of cells that are alike and work together?
a. a cell team b. a tissue c. a cell family d. a system
- _____ 2. What kind of bone tissue gives bones strength and support?
a. compact bone b. spongy bone c. red marrow d. yellow marrow
- _____ 3. What part of your body has cardiac muscle?
a. stomach b. brain c. heart d. nose
- _____ 4. What kind of injury happens if a muscle is stretched too far?
a. a fracture b. arthritis c. a strain d. tendinitis
- _____ 5. A place where two or more bones meet is called what?
a. fulcrum b. lever c. load d. joint
- _____ 6. Muscle cells, neurons, red blood cells, and epithelial cells are all examples of what?
a. tissues b. organs c. organ systems d. differentiated cells
- _____ 7. The stomach, small intestine, and colon are all part of what organ system?
a. digestive b. cardiovascular c. integumentary d. respiratory

Match the correct description with the correct term. Write the letter in the space provided.

- _____ 8. frame that holds up and protects parts of the body a. ball-and-socket joint
- _____ 9. stretchy tissue that connects bones b. skeletal system
- _____ 10. structure that lets you move your arm all around c. ligaments

Match the correct description with the correct term. Write the letter in the space provided.

- _____ 11. breaks down food so the body can use it a. urinary system
- _____ 12. sends chemical messages b. cardiovascular system
- _____ 13. includes the blood vessels, blood, and heart c. endocrine system
- _____ 14. takes waste out of the blood d. digestive system

turn over for more questions

Structure and Function in Living Systems
Body Organization & Structure Practice Questions

Name:

Period:

Use the terms from the following list to complete the sentences below.

osteoporosis flexor organ marrow

15. A group of two or more tissues that work together form an _____.
16. Bones contain _____, which makes blood cells.
17. A disease that makes bones weak and break more easily is called _____.
18. You can bend a part of your body with a _____ muscle.

Use the terms from the following list to complete the sentences below.

muscular system lever mechanical advantage fulcrum

19. The fixed point in a lever is called a _____.
20. How much a machine multiplies its force is the machine's _____.
21. A machine that consists of a bar that pivots at a fixed point is called a _____.
22. All of the body's involuntary and voluntary muscles make up the _____.