

# From Cells to Systems Test

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**Part I - Multiple Choice:** Choose the best answer for each question.

1. What is the basic unit of life?
  - A. Organ
  - B. Tissue
  - C. Cell
  - D. System
2. A group of similar cells working together forms a:
  - A. Tissue
  - B. Organ
  - C. Organ system
  - D. Organism
3. Several tissues working together form a:
  - A. Cell
  - B. Organ
  - C. Molecule
  - D. System
4. Which level of organization comes after organs?
  - A. Cells
  - B. Tissues
  - C. Organ systems
  - D. Organisms
5. Which organ system is responsible for transporting blood through the body?
  - A. Digestive system
  - B. Circulatory system
  - C. Nervous system
  - D. Respiratory system
6. Which of the following is an example of a tissue?
  - A. Heart
  - B. Blood
  - C. Stomach
  - D. Skeleton
7. The stomach is an example of a(n):
  - A. Cell
  - B. Tissue
  - C. Organ
  - D. Organ system
8. Which organ system helps the body breathe?
  - A. Respiratory system
  - B. Skeletal system
  - C. Nervous system
  - D. Digestive system
9. What is formed when all organ systems work together?
  - A. Tissue
  - B. Cell
  - C. Organism
  - D. Molecule
10. Which sequence shows the correct order from smallest to largest?
  - A. Tissue → Cell → Organ → System
  - B. Cell → Tissue → Organ → Organ System
  - C. Organ → Tissue → Cell → Organism
  - D. Cell → Organ → Tissue → System

**Part II - Fill in the Blank:** Use the word bank to complete the sentences.

**Word Bank**

Cells                      tissues                      organ                      organ system                      organism  
heart                      circulatory                      respiratory                      specialized                      function

11. The basic unit of life is the \_\_\_\_\_.
12. Groups of similar cells form \_\_\_\_\_.
13. Different tissues working together form an \_\_\_\_\_.
14. Multiple organs working together form an \_\_\_\_\_.
15. All body systems working together make an \_\_\_\_\_.
16. The \_\_\_\_\_ pumps blood throughout the body.
17. The \_\_\_\_\_ system moves oxygen into the body.
18. Cells become \_\_\_\_\_ to perform specific jobs.
19. Every level of organization has a specific \_\_\_\_\_.
20. The \_\_\_\_\_ system transports blood and nutrients.

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**Part III - True or False**

Write True or False for each statement.

21. \_\_\_\_ - Cells are the largest level of organization in the body.
22. \_\_\_\_ - Tissues are made of groups of similar cells.
23. \_\_\_\_ - Organs are made of several tissues working together.
24. \_\_\_\_ - The circulatory system includes the heart and blood vessels.
25. \_\_\_\_ - Organ systems work independently and never interact.
26. \_\_\_\_ - The respiratory system helps the body obtain oxygen.
27. \_\_\_\_ - An organism is made of only one organ system.
28. \_\_\_\_ - Specialized cells perform unique functions.
29. \_\_\_\_ - The stomach is considered an organ.
30. \_\_\_\_ - The order of organization is cell → tissue → organ → organ system.