From Cells to Systems Test

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

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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.

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.

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