

Hierarchical Systems of Organisms Test

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

1. Which level of organization is the smallest?
 - a. Tissue
 - b. Organ
 - c. Cell
 - d. Organ System
2. A group of similar cells working together forms a:
 - a. Tissue
 - b. Organism
 - c. Organ
 - d. System
3. The correct order from smallest to largest is:
 - a. Organ → Cell → Tissue → Organ System
 - b. Cell → Tissue → Organ → Organ System
 - c. Tissue → Cell → Organ → Organ System
 - d. Cell → Organ → Tissue → Organism
4. The heart is an example of a:
 - a. Cell
 - b. Tissue
 - c. Organ
 - d. Organism
5. Which of the following is an organ system?
 - a. Skin
 - b. Blood
 - c. Digestive System
 - d. Muscle Cell
6. A complete living thing is called a:
 - a. Tissue
 - b. Organism
 - c. Organ
 - d. Cell
7. Which level contains many organs working together?
 - a. Organism
 - b. Tissue
 - c. Organ System
 - d. Cell
8. Muscle tissue is made of:
 - a. Organ systems
 - b. Similar cells
 - c. Organisms
 - d. Bones
9. Which example best represents an organ?
 - a. Stomach
 - b. Blood Cell
 - c. Nervous Tissue
 - d. Skeleton
10. Cells are considered the:
 - a. Largest unit of life
 - b. Basic unit of life
 - c. Smallest organ
 - d. Main tissue type

Part II – Matching: Match the term in Column A with the correct description in Column B.

Column A

11. Cell
12. Tissue
13. Organ
14. Organ System
15. Organism

Column B

- a. Many organs working together
- b. Complete living thing
- c. Group of similar cells
- d. Basic unit of life
- e. Structure made of tissues

Part III – True or False: Write T or F

16. _____ Organs are made of tissues.
 17. _____ A tissue is made of many organ systems.
 18. _____ The human body is an organism.
 19. _____ Cells are larger than organs.
 20. _____ Organ systems work together to keep an organism alive.
 21. _____ The brain is an example of an organ.
 22. _____ A group of organs forms a tissue.
 23. _____ The circulatory system is an organ system.
 24. _____ Tissues are made of similar types of cells.
 25. _____ The hierarchical organization of life goes from simple to complex.
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