Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**I CAN** compare the types of cells and describe the levels of organization of life.

Recognize levels of living things (pyramid) and

how they work together to form a living system.

Period \_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**DIRECTED READING CHAPTER 3 Section 1:**

**Organization of Life**

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1. All of the items necessary for ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*** are contained in a single cell.

2. ***\_\_\_\_\_\_\_\_\_\_\_\_\_*** cells are too small to be seen without a microscope.

3. How many cells did you begin your life with? ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

4. About how many different kinds of cells do you have? ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

5. Look at Figure 2. How many cells do you have in your body? ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

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6. Cells that have similar functions group together to form ***\_\_\_\_\_\_\_\_\_\_\_\_\_***.

7. What are three examples of cells that make up tissues pictured in the text?

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

8. Organs are made up of groups of ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*.**

9. Look at Figure 4. Your body’s largest and most visible organ is your \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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10. What is an organ system? ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

11. What would happen if your digestive system stopped working? ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

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12. If a single cell is living on its own, it is called a ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*** organism.

13. You are a ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*** organism.

**Page 59-60**

Choose the term in Column B that best matches the example of definition in Column A, and write the corresponding letter in the space provided. Terms may be used more than once.

|  |  |
| --- | --- |
| **COLUMN A** | **COLUMN B** |
| \_\_\_\_\_14. an ocean  \_\_\_\_\_15. the people, dogs, and cats in a town  \_\_\_\_\_16. a group of organisms of the same kind that live in the  same area.  \_\_\_\_\_17. all the ladybird beetles in the forest  \_\_\_\_\_18. the soil, rocks, trees, ladybird beetles, and other  organisms in a forest.  \_\_\_\_\_19. a ladybird beetle  \_\_\_\_\_20. groups of organisms living in the same area and  the nonliving things that affect them  \_\_\_\_\_21. a dog  \_\_\_\_\_22. two or more different groups of organisms living  In the same area  \_\_\_\_\_23. the oak trees, flowers, lizards, and other organisms in  a forest. | a. organism  b. population  c. community  d. ecosystem |