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**

**Page 56**

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? ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

**Page 57**

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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Page 58**

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

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

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

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

**Page 59**

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. organismb. populationc. communityd. ecosystem |