

Structure and Function in Living Systems

Name: _____

Body Organization Puzzle

Period: _____

For this puzzle, the terms below are from Chapter 15, Section 1. Use the clues given to fill in the blanks below. Then, copy the numbered letters into the corresponding boxes on the following page to reveal the four kinds of tissue.

1. the maintenance of a stable environment inside the body

_____ 10 4 _____ _____ _____ _____ _____ _____

2. a type of cell that has unique structures specialized to perform specific functions

_____ _____ _____ _____ _____ _____ _____ _____

3. a group of similar cells that perform a common function

_____ 9 _____ _____ _____ _____ _____

4. a collection of tissues that perform a specialized function of the body

_____ _____ _____ _____ _____

5. a group of organs that work together

_____ _____ _____ _____ _____ _____ _____ _____

What are the four kinds of body tissue?

a. tissue that sends electrical signals throughout the body

_____ _____ _____ V _____ _____ _____

b. tissue that contracts and relaxes to produce movement

_____ _____ _____ C L _____

c. tissue that covers and protects underlying tissue

_____ P _____ _____ _____ _____ L _____ _____ L

d. tissue that joins, supports, protects, insulates, nourishes, and cushions organs

C _____ _____ _____ _____ C _____ _____ V _____

