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

Keystone Biology Lesson 2 worksheet.

1. All organisms are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. All the parts work together to help them \_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_.
3. Each of the parts has a \_\_\_\_\_\_\_\_\_\_ that helps carry out its \_\_\_\_\_\_\_\_\_\_\_\_\_.
4. The simplest level is the \_\_\_\_\_\_\_\_, while the most complex is the ­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. The levels of organization from cell to the individual organism are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ , \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
6. Cells are tiny systems with \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ that carry out life processes.
7. The individual cell in a multicellular organism does not carry out every life \_\_\_\_\_\_\_ of the organism.
8. Different \_\_\_\_\_\_\_\_\_\_ perform different jobs.
9. They are ***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*** or specialized to do different functions.
10. In mammals, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are specialized to deliver oxygen to body tissues.
11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are small, round disks that are thin and flexible allowing them to move easily through even the narrowest blood vessels.
12. Nerve cells have long \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that extend from the main part of the cell.
13. These structures help them \_\_\_\_\_\_\_\_\_\_\_\_\_\_ from one part of the body to another part.
14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ tissue cover body surfaces in animals.
15. The outer layer of skin is Epithelial tissue made of small\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cells.
16. This Epithelial tissue \_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_the organism.
17. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ tissues hold organs in place and attach Epithelial tissue to other tissues.
18. Different types of tissues can form \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
19. For example: the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is an organ that digests or breaks down food.
20. Muscle tissues in the stomach help \_\_\_\_\_\_\_\_\_\_ food with \_\_\_\_\_\_\_\_\_\_\_\_\_ juices.
21. Epithelial tissues in the inner lining \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ fluids that aid in digestion.
22. Other tissues secrete \_\_\_\_\_\_\_\_\_\_\_\_\_ to protect the stomach lining.
23. Blood supplies \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_to the stomach tissue.
24. An \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system is a group of organs that work together to perform a specific function.
25. The eleven organ systems are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_,

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

1. The human digestive system includes the \_\_\_\_\_\_\_\_\_\_, esophagus, \_\_\_\_\_\_\_\_\_\_\_\_, intestines, \_\_\_\_\_\_\_\_\_\_\_\_\_, liver, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. After eating blood vessels in the intestines \_\_\_\_\_\_\_\_\_ useful molecules. These molecules are transported to every part of the body, where they are used for \_\_\_\_\_\_\_\_\_\_\_\_and as raw materials to \_\_\_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_\_\_\_\_new cells.