

Name _____

Date _____

Period _____

Characteristics of Living Things

Directions: Complete each of the following statements by writing the correct word or phrase in the space provided. Use each word or phrase one time; it may appear more than once in the list.

Change in the Environment

Autotrophs
Biology
Digestion
Energy
Excretion
Growth

Ingestion

Life
Metabolism
Nutrition
Organisms
Reproduction
Regulation

Regulation

Synthesis
Transport
Usable

1. The study of living things is called _____.
2. Living things are known as _____.
3. The characteristics that all living things have in common are referred to as _____ functions or activities.
4. _____ is the life activity by which organisms obtain and process food.
5. The endocrine and nervous systems are responsible for the life activity of _____.
6. Taking in food from the environment is called _____.
7. Circulation and absorption are both parts of the life process called _____.
8. All of the life processes together are its _____.
9. _____ are organisms that can make their own food.
10. Respiration is the series of chemical reactions that releases _____.
11. The removal of cellular wastes is _____.
12. Nutrients are the _____ part of food.
13. A stimulus is defined as a _____.
14. Living things produce complex substances from simple substances by _____.
15. _____ is the process that changes food into a form that can be used by the cell.
16. An increase in size and/or number of cells of an organism is _____.
17. The life process that is not necessary for the life of a single organism is _____.
18. Control and coordination of life activities is carried on by _____.

Directions: Circle the number of the expression that best completes each of the following statements

19. The process by which a cell gets rid of wastes is known as
 - a. Synthesis
 - b. Excretion
 - c. Growth
 - d. Digestion
20. By which life process does a plant produce energy?
 - a. Respiration
 - b. Excretion
 - c. Digestion
 - d. Photosynthesis
21. Which of the following processes changes complex molecules into simple molecules?
 - a. Excretion
 - b. Ingestion
 - c. Digestion
 - d. Egestion
22. The energy stored in food molecules is released during
 - a. Digestion
 - b. Excretion
 - c. Circulation
 - d. Respiration

Directions: For each phrase in questions 23-25, select the life process, *chosen from the list below*, that most closely associated with that phrase. Then write the *number* in the space next to the question.

Life Processes

- (1) Digestion
- (2) Excretion
- (3) Reproduction
- (4) Respiration

23. The removal of metabolic wastes. _____
24. The release of energy from foods. _____
25. The production of new organisms that are essentially the same as their parents. _____