

CHAPTER REVIEW

Know the Terms

Select the most appropriate words from the following list to complete the paragraph.

respiration	biology	aerobic
synthesis <i>-to build</i>	metabolism	homeostasis
cells	energy	organism
anaerobic <i>-w/o air</i>	nutrition	reproduction

(1) is the study of living things. Anything that is living is called a/an (2), which is composed of one or more (3) and utilizes (4) to maintain its organization and carry out normal functions. This is derived through the process of (5). There are two forms of this in living organisms. One type requires the use of oxygen and is called (6). (7) respiration does not require oxygen. The total of all chemical reactions within an organism is called (8). Some of these reactions involve building more complex molecules from less complex ones. This is called (9). In all cases, however, the organism is trying to maintain a constant internal environment, called (10).

1. BIOLOGY
2. ORGANISM
3. CELLS
4. ENERGY
5. RESPIRATION
6. AEROBIC
7. ANAEROBIC
8. METABOLISM
9. SYNTHESIS
10. HOMEOSTASIS

Match the word with the correct definition.

- | | |
|--------------------------------|---|
| a. nutrients | f. life |
| b. regulation | g. transport / circulation |
| c. excretion | h. growth |
| d. sexual reproduction | i. assimilation <i>what you eat you use</i> |
| e. ingestion <i>-taking in</i> | j. asexual reproduction |

11. taking in food
12. reproduction involving only one parent
13. removal of wastes from an organism
14. the passing of substances into or out of cells or circulation within an organism
15. incorporation of materials into an organism
16. reproduction involving two parents
17. the process by which living organisms increase in size
18. all activities that help maintain homeostasis
19. quality distinguishing organisms from inorganic materials
20. substances an organism takes from its environment

11. e
12. j
13. c
14. g
15. i
16. d
17. h
18. b
19. f
20. a