**Quiz on photosynthesis** Name:

1. the cell needs two raw materials for this stage: \_\_\_\_\_\_\_\_\_ and carbon dioxide
   1. sugar
   2. water
   3. stem
   4. air
2. all organisms that carry out photosynthesis \_\_\_\_\_\_\_\_\_\_\_\_\_
   1. leaves and green
   2. release oxygen
   3. oxygen
   4. energy
3. an organelle in a plant cell that turns energy from the sun into chemical energy for the plant to use
   1. Chlorophyll
   2. light
   3. chloroplast
   4. Chloroplasts
4. the first stage of photosynthesis involves\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the energy in the sun
   1. water
   2. pigment
   3. air
   4. capturing
5. nearly all living things obtain energy either directly or indirectly from the \_\_\_\_\_\_\_\_\_\_ of the sunlight captures during \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   1. energy and function
   2. Photosynthesis
   3. energy and photosynthesis
   4. energy, photosynthesis
6. carbon dioxide is one of the \_\_\_\_\_\_\_\_\_\_\_\_ in the \_\_\_\_\_\_\_\_\_\_\_\_\_
   1. roots and sail
   2. light and food
   3. leaves and green
   4. gases and air
7. all cells need \_\_\_\_\_\_\_\_\_\_\_ to carry out their \_\_\_\_\_\_\_\_\_
   1. function
   2. energy, contains
   3. energy and function
   4. light and food
8. a green pigment that traps energy from the sum
   1. energy
   2. chloroplast
   3. Chloroplasts
   4. Chlorophyll
9. leaf cells contain more\_\_\_\_\_\_\_\_\_\_\_\_ than do cells in other parts of the plants
   1. chloroplast
   2. Chloroplasts
   3. sugars
   4. Chlorophyll
10. in plants, the \_\_\_\_\_\_\_\_\_\_\_\_ absorb water from the \_\_\_\_\_\_\_\_\_
    1. light and food
    2. Photosynthesis
    3. gases and air
    4. roots and sail

### 10 True/False Questions

1. sugars → the cells use captured energy to produce \_\_\_\_\_\_\_\_\_\_\_\_\_

True False

1. pigment → the green color comes from\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ( colored chemicals compounds that absorb light)

True False

1. sugar → plant cells use some of the \_\_\_\_\_\_\_\_\_\_\_\_ for food

True False

1. green color → the chloroplasts in plant cells give plants their\_\_\_\_\_\_\_\_\_\_\_\_\_

True False

1. Light energy → the form of energy that animals can see directly

True False

1. sugar → the cells use captured energy to produce \_\_\_\_\_\_\_\_\_\_\_\_\_

True False

1. Photosynthesis → the process by which a cell captures the \_\_\_\_\_\_\_\_ in sunlight and uses it to make food is called \_\_\_\_\_\_\_\_\_\_\_

True False

1. function → this energy can then be used to carry out the plant's \_\_\_\_\_\_\_\_\_\_\_\_

True False

1. carbon dioxide and chloroplast → a waste product made by cells of the body; a gass in the air made of carbon and oxygen atoms

True False

1. leaves and green → this energy-capturing process occurs in the \_\_\_\_\_\_\_\_\_\_ and other \_\_\_\_\_\_\_\_\_\_ parts of the plant(chloroplast)

True False

**Answers:**

1. b
2. b
3. d
4. d
5. c
6. d
7. c
8. d
9. a
10. d
11. true
12. true
13. true
14. true
15. true
16. false
17. false
18. true
19. false
20. true