Assumption College Ubonratchathani
English for Science 1

Name:..... Class:..... No. .....

Photosynthesis in Plants (Part I)



Choose the correct answer.

1. _____ is a process by which green plants use water and carbon dioxide to transform light energy to chemical energy in the form of food.

   a. transpiration b. respiration c. photosynthesis

2. During photosynthesis, how is energy transformed?

   a. From mechanical energy into chemical energy

   b. From chemical energy into light energy

   c. From light energy into chemical energy

3. When does photosynthesis take place?

   a. When there is light b. Daytime only c. Nighttime

4. What is the main purpose of photosynthesis?

   a. To make plant food b. To produce oxygen c. To absorb sunlight

5. Where does photosynthesis take place in plants?

   a. In the roots b. Mostly in the leaves c. In the fruits

6. _____ is the green pigment in plants that traps and absorbs sunlight.

   a. substance b. chlorophyll c. glucose

7. _____ is the greatest source of light energy that is used by plants.

   a. Sunlight b. Moonlight c. Electric light

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8. Water is absorbed by the _____ of the plants.

a. stem and branches b. leaves c. roots

9. What gas enters the stomata of the leaves and is used by the plants to make food?

a. nitrogen b. carbon dioxide c. oxygen

10. What is the name of the plant food produced during photosynthesis?

a. protein b. glucose c. carbohydrates

11. What gas is produced by the plants during photosynthesis?

a. oxygen b. nitrogen c. carbon dioxide

12. What is **not** needed by the plants during photosynthesis?

a. water b. carbon dioxide c. oxygen

13. What are needed by the plants during photosynthesis?

a. glucose, oxygen, carbon dioxide

b. water, soil, sunlight

c. carbon dioxide, water, sunlight

14. What is the tiny opening in the leaves that let carbon dioxide inside the plants?

a. xylem b. stomata c. phloem

15. Why is the plant in the picture below died after one week?

a. The plants did not get air.

b. The plant did not get water.

a. The plant did not get sunlight.



"All life on earth emanates from the green of the plant."
- Jay Kordich

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