

Understanding Photosynthesis

Biology · Answer Key · 20 Questions

1. What is a good source of Vitamin D mentioned in the text?

- A) Water
- B) Sunlight**
- C) Food
- D) Air

2. What Greek word means 'light'?

- A) Synthesis
- B) Photo**
- C) Carbon
- D) Oxygen

3. What Greek word means 'putting together'?

- A) Photo
- B) Light
- C) Synthesis**
- D) Together

4. Photosynthesis is the process plants use to make their:

- A) Water
- B) Oxygen
- C) Food**
- D) Nutrients

5. Besides sunlight, what two other things do plants use to make food?

- A) Oxygen and sugar
- B) Water and carbon dioxide**
- C) Nutrients and air
- D) Roots and leaves

6. What are the tiny openings in plant leaves called?

- A) Chloroplasts
- B) Roots
- C) Stomata**
- D) Pigments

7. What gas do plants breathe in?

- A) Oxygen
- B) Carbon dioxide**
- C) Nitrogen
- D) Water vapor

8. What gas do plants give out?

- A) Carbon dioxide
- B) Oxygen**
- C) Nitrogen
- D) Water vapor

9. Where are chloroplasts found in plants?

- A) Roots
- B) Stomata
- C) Leaves**
- D) Stem

10. What do chloroplasts contain?

- A) Sugar and oxygen
- B) Water and sunlight
- C) Tiny pigments**
- D) Carbon dioxide

11. What are chloroplasts used to turn carbon dioxide, water, and sunlight into?

- A) Oxygen and air
- B) Sugar and oxygen**
- C) Water and nutrients
- D) Food and energy

12. What is the sugar produced by plants used for?

- A) To release oxygen
- B) As their food**
- C) To absorb water
- D) To make carbon dioxide

13. What is chlorophyll?

- A) A tiny opening in leaves
- B) A gas plants breathe out
- C) A green pigment in plants**
- D) A nutrient absorbed by roots

14. Why do plants often look green?

- A) Because they absorb sunlight
- B) Because of the chlorophyll pigment**
- C) Because of the stomata
- D) Because they make sugar

15. Plants are known as the lungs of the world because they:

- A) Take in oxygen and give out carbon dioxide
- B) Take in carbon dioxide and give out oxygen**
- C) Absorb water and nutrients
- D) Produce sugar for food

16. What does the word 'photo' mean?

- A) Putting together
- B) Light**
- C) Plant
- D) Food

17. What does the word 'synthesis' mean?

- A) Light
- B) Plant
- C) Food
- D) Putting together**

18. The process of using light to put things together is called:

- A) Respiration
- B) Transpiration
- C) Photosynthesis**
- D) Absorption

19. Plants absorb water and other nutrients through their:

- A) Leaves
- B) Stomata
- C) Roots**
- D) Chloroplasts

20. What are the main ingredients for photosynthesis?

- A) Sugar, oxygen, and water
- B) Sunlight, water, and carbon dioxide**
- C) Roots, leaves, and stem
- D) Chlorophyll, stomata, and nutrients