

**EXPLANATION**

1. The first two sentences of the passage describe the process of photosynthesis in plants. The third sentence states that plants convert light energy into chemical energy. The fourth sentence explains that this energy is stored in the form of glucose. The fifth sentence mentions that plants use this energy to grow and reproduce.

2. The first sentence of the passage states that photosynthesis is a process by which plants convert light energy into chemical energy. The second sentence explains that this energy is stored in the form of glucose. The third sentence mentions that plants use this energy to grow and reproduce. The fourth sentence states that photosynthesis is essential for the survival of plants. The fifth sentence explains that photosynthesis is also important for the survival of animals.

Question	Answer	Explanation
1. What is the main purpose of photosynthesis?	To convert light energy into chemical energy.	The passage states that photosynthesis is a process by which plants convert light energy into chemical energy.
2. How is the energy from photosynthesis stored?	In the form of glucose.	The passage explains that the energy from photosynthesis is stored in the form of glucose.
3. Why is photosynthesis important for plants?	Plants use the energy to grow and reproduce.	The passage mentions that plants use the energy from photosynthesis to grow and reproduce.
4. Why is photosynthesis important for animals?	Photosynthesis is essential for the survival of animals.	The passage states that photosynthesis is essential for the survival of animals.

**QUESTIONS**

1. What is the main purpose of photosynthesis?

2. How is the energy from photosynthesis stored?

3. Why is photosynthesis important for plants?

4. Why is photosynthesis important for animals?

5. What is the chemical equation for photosynthesis?

6. How do plants use the energy from photosynthesis?

7. What is the role of chlorophyll in photosynthesis?

8. How does the rate of photosynthesis change with temperature?

9. What are the factors that affect the rate of photosynthesis?

10. How do plants adapt to low light conditions?