

Photosynthesis and Leaf Identification

Biology · Answer Key · 10 Questions

1. What are plants that can make their own food called?

- A) Autotrophs**
- B) Heterotrophs
- C) Consumers
- D) Decomposers

2. What process do plants use to create food energy?

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

3. Which of these is NOT a basic requirement for photosynthesis?

- A) Light
- B) Water
- C) Carbon Dioxide
- D) Soil**

4. Where does photosynthesis primarily occur in most plants?

- A) Roots
- B) Stems
- C) Leaves**
- D) Flowers

5. What is the flat part of the leaf called?

- A) Stem
- B) Margin
- C) Lamina**
- D) Vein

6. A leaf with a smooth edge is described as?

- A) Toothed
- B) Lobed
- C) Entire**
- D) Parted

7. Which leaf margin type has indentations towards the midrib?

- A) Entire
- B) Toothed
- C) Lobed**
- D) Parted

8. A leaf with a 'saw-like' edge is described as?

- A) Entire
- B) Toothed**
- C) Lobed
- D) Parted

9. What can you use to identify a plant from its leaf?

- A) Leaf size
- B) Leaf color
- C) Leaf margin**
- D) Leaf texture

10. What is a tree considered to be?

- A) Animal
- B) Fungus
- C) Plant**
- D) Mineral