

Green Giants & Tiny Seeds: A Botany Quiz

Botany · Answer Key · 10 Questions

1. What part of a plant usually grows underground and absorbs water and nutrients from the soil?

- A) Leaves
- B) Stem
- C) Flower

D) Roots

2. Which gas do plants take in from the air to help them make their own food through photosynthesis?

- A) Oxygen
- B) Nitrogen

C) Carbon dioxide

- D) Hydrogen

3. Which of these animals is known for helping plants pollinate by carrying pollen from flower to flower?

- A) Spider

B) Bee

- C) Worm
- D) Fish

4. What is inside a seed that can grow into a new plant if it gets the right conditions?

- A) A tiny rock

B) A miniature plant (embryo)

- C) A drop of water
- D) A piece of wood

5. Which type of plant typically has a tall, woody stem called a trunk and branches far above the ground?

- A) Moss
- B) Fern

C) Tree

- D) Grass

6. Which gas, essential for humans and animals to breathe, is released by plants during photosynthesis?

- A) Carbon dioxide
- B) Nitrogen
- C) Oxygen**
- D) Methane

7. Which part of a plant often contains seeds and is usually sweet or sour, like an apple or an orange?

- A) Root
- B) Stem
- C) Leaf
- D) Fruit**

8. Besides sunlight and water, what do most plants need to grow well and get important nutrients?

- A) Sand
- B) Plastic
- C) Soil**
- D) Metal

9. What is the main job of a plant's leaves?

- A) To hold the plant upright
- B) To absorb water from the air
- C) To make food for the plant**
- D) To attract insects

10. Some plants, like cacti, can store a lot of water in their stems. What kind of environment do these plants usually live in?

- A) Ocean
- B) Forest
- C) Swamp
- D) Desert**