

# Elementary Botany Basics

Botany · Answer Key · 18 Questions

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**1. Which part of a plant usually grows underground and absorbs water?**

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

**2. What process do plants use to make their own food using sunlight?**

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

**3. Which green pigment helps plants capture light energy from the sun?**

- A) Hemoglobin
- B) Chlorophyll**
- C) Melanin
- D) Carotene

**4. What is the main function of a plant's flower?**

- A) To grow taller
- B) To make seeds**
- C) To absorb water
- D) To store sugar

**5. What gas do plants take in from the air to help them grow?**

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

**6. What do we call a young plant that has just started to grow from a seed?**

- A) Sprout**
- B) Fruit
- C) Flower
- D) Trunk

**7. Which part of the plant transports water and nutrients from the roots to the leaves?**

A) Seed

**B) Stem**

C) Petal

D) Root hair

**8. What is the protective outer layer of a tree trunk called?**

A) Sap

B) Leaf

**C) Bark**

D) Root

**9. Where are seeds usually produced in a flowering plant?**

**A) Inside the fruit**

B) On the leaves

C) In the roots

D) In the soil

**10. Which of these is a type of plant that does not have flowers or seeds?**

A) Rose

**B) Fern**

C) Daisy

D) Apple tree

**11. What do plants release into the air that humans and animals need to breathe?**

A) Carbon dioxide

**B) Oxygen**

C) Nitrogen

D) Smoke

**12. What part of the plant attracts bees and butterflies?**

A) Root

B) Stem

**C) Flower**

D) Bark

**13. What is the primary role of a plant's leaves?**

A) To drink water

**B) To make food**

C) To protect seeds

D) To support the plant

**14. What do seeds need to germinate or start growing?**

**A) Water and warmth**

B) Sand and wind

C) Ice and dark

D) Rocks and salt

**15. Which of these grows into a new plant?**

A) Root hair

**B) Seed**

C) Stem

D) Bark

**16. What is a plant with a hard, woody stem called?**

A) Grass

B) Flower

**C) Tree**

D) Moss

**17. What do plants store for energy in their roots or seeds?**

**A) Starch**

B) Salt

C) Metal

D) Plastic

**18. What part of the plant holds the plant upright?**

A) Flower

**B) Stem**

C) Seed

D) Fruit