

Elementary Botany Basics

Botany · Practice Test · 18 Questions

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