

Amazing Plant Adventures

Botany · Practice Test · 25 Questions

1. What part of a plant is like a straw, sucking up water and food from the soil?

- A) Leaf
- B) Flower
- C) Root
- D) Seed

2. Which tiny holes on a leaf help a plant breathe in air?

- A) Petals
- B) Stomata
- C) Pistils
- D) Pollen

3. What is the 'food factory' of a plant, usually green and flat?

- A) Stem
- B) Seed
- C) Leaf
- D) Root

4. Some plants have special coverings to protect their baby seeds. What are these called?

- A) Leaves
- B) Roots
- C) Fruits
- D) Stems

5. What gives a plant its color and helps it make food from sunlight?

- A) Water
- B) Chlorophyll
- C) Soil
- D) Air

6. Which part of a plant usually grows upwards and helps it stand tall?

- A) Root
- B) Leaf
- C) Stem
- D) Seed

7. What do plants need to grow besides water and soil?

- A) Moonlight
- B) Sunlight
- C) Wind
- D) Snow

8. What is the sticky powder that flowers make to help them make seeds?

- A) Nectar
- B) Pollen
- C) Petals
- D) Roots

9. When a seed starts to grow, it sends out its first little root and shoot. What is this called?

- A) Flower
- B) Fruit
- C) Sprout
- D) Leaf

10. What is the hard outer shell that protects a seed?

- A) Skin
- B) Bark
- C) Peel
- D) Seed coat

11. What part of the flower is usually bright and colorful to attract insects?

- A) Stamen
- B) Pistil
- C) Petal
- D) Sepal

12. Some plants can live for many, many years. What are these long-living plants called?

- A) Annuals
- B) Perennials
- C) Biennials
- D) Seedlings

13. What do we call the process where plants make their own food using sunlight, water, and air?

- A) Respiration
- B) Germination
- C) Photosynthesis
- D) Pollination

14. Which part of a flower helps to catch pollen?

- A) Anther
- B) Stigma
- C) Filament
- D) Ovary

15. What is the part of the plant that holds the pollen?

- A) Stigma
- B) Anther
- C) Style
- D) Receptacle

16. Some seeds can float on water to find new places to grow. What is this called?

- A) Wind dispersal
- B) Animal dispersal
- C) Water dispersal
- D) Self-dispersal

17. What is the green, leaf-like part that protects a flower bud before it opens?

- A) Petal
- B) Stamen
- C) Sepal
- D) Pistil

18. What is the very first stage of a plant's life after the seed begins to grow?

- A) Bud
- B) Sprout
- C) Flower
- D) Fruit

19. What is the thick, often woody part of a plant that supports its branches and leaves?

- A) Root
- B) Vine
- C) Trunk
- D) Flower

20. Which type of plant has a strong, woody stem and lives for many years?

- A) Herb
- B) Vine
- C) Shrub
- D) Tree

21. What is the sugary liquid produced by flowers that attracts bees and butterflies?

- A) Pollen
- B) Sap
- C) Nectar
- D) Dew

22. What do we call a plant that lives for only one growing season?

- A) Perennial
- B) Biennial
- C) Annual
- D) Evergreen

23. What is the part of the flower that makes seeds after pollination?

- A) Petal
- B) Ovary
- C) Stamen
- D) Anther

24. What is the process called when a seed starts to grow into a new plant?

- A) Pollination
- B) Photosynthesis
- C) Germination
- D) Fertilization

25. What is the term for a plant that grows on another plant but does not harm it, often using it for support?

- A) Parasite
- B) Epiphyte
- C) Symbiont
- D) Carnivore