

Horticulture Basics

Horticulture · Practice Test · 25 Questions

1. Which part of the plant grows underground and absorbs water and nutrients?

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

2. What is the primary source of energy for most plants?

- A) Water
- B) Soil
- C) Sunlight
- D) Oxygen

3. Which of these is a vegetable that grows underground as a root?

- A) Carrot
- B) Lettuce
- C) Tomato
- D) Cucumber

4. What do plants release into the air that humans need to breathe?

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

5. Which of these is a fruit that grows on a tree?

- A) Broccoli
- B) Apple
- C) Potato
- D) Spinach

6. What is the green pigment in leaves that helps plants absorb sunlight?

- A) Chlorophyll
- B) Carotene
- C) Xanthophyll
- D) Anthocyanin

7. Which term describes the process of plants losing water through their leaves?

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

8. What structure protects the seeds of a flowering plant?

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

9. Which of these garden tools is used for digging small holes?

- A) Rake
- B) Trowel
- C) Hose
- D) Wheelbarrow

10. What is a plant that completes its entire life cycle in one growing season called?

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

11. Which gas do plants primarily absorb from the air for photosynthesis?

- A) Oxygen
- B) Carbon dioxide
- C) Hydrogen
- D) Argon

12. What is the process called when a seed begins to grow into a plant?

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

13. Which part of the plant is responsible for reproduction by producing seeds?

- A) Root
- B) Flower
- C) Stem
- D) Bark

14. What is added to soil to help plants grow by providing extra nutrients?

- A) Sand
- B) Fertilizer
- C) Rocks
- D) Water

15. Which of these is considered an evergreen tree?

- A) Maple
- B) Oak
- C) Pine
- D) Elm

16. What kind of plant requires support to climb up a structure?

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

17. Which insect is most famous for pollinating flowers?

- A) Ant
- B) Bee
- C) Fly
- D) Mosquito

18. What are plants that live for more than two years called?

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

19. Which of these is the edible part of a broccoli plant?

- A) Roots
- B) Flowers
- C) Seeds
- D) Leaves

20. What is the main purpose of mulch in a garden bed?

- A) To attract pests
- B) To keep soil moist
- C) To kill plants
- D) To provide light

21. Which of these is a succulent plant known for storing water?

- A) Aloe Vera
- B) Fern
- C) Maple
- D) Moss

22. What is the term for the study and cultivation of fruits, vegetables, and flowers?

- A) Zoology
- B) Geology
- C) Horticulture
- D) Physics

23. Which garden tool is best used for collecting fallen leaves?

- A) Hoe
- B) Rake
- C) Shovel
- D) Pruner

24. What layer of the Earth supports plant growth?

- A) Bedrock
- B) Soil
- C) Core
- D) Mantle

25. Which of these is a common herb used in cooking?

- A) Basil
- B) Rose
- C) Tulip
- D) Dahlia