Horticulture Basics

Horticulture · Practice Test · 15 Questions

1. What is the primary function of a plant's roots?

A) To absorb water and nutrients
B) To produce flowers
C) To conduct photosynthesis
D) To attract bees

2. Which part of a plant is responsible for photosynthesis?

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

3. What do plants primarily absorb from the air to perform photosynthesis?

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

4. Which of these is a botanical fruit containing seeds?

A) Carrot
B) Potato
C) Tomato
D) Celery

5. What is the main purpose of a flower on a plant?

A) To provide shade
B) To allow for reproduction
C) To store water
D) To keep the plant warm

6. Which element do plants typically obtain from the soil through their roots?

A) Oxygen
B) Sunlight
C) Minerals
D) Carbon

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7. What is the process called when a plant grows towards a light source?

A) Phototropism
B) Hydrotropism
C) Geotropism
D) Thigmotropism

8. Which of these is an example of a bulbous plant?

A) Rose
B) Tulip
C) Sunflower
D) Mint

9. What gas do plants release as a byproduct of photosynthesis?

A) Nitrogen
B) Oxygen
C) Argon
D) Methane

10. Which structure on a leaf allows for gas exchange?

A) Stomata
B) Vein
C) Petiole
D) Cuticle

11. What is the primary substance that gives plants their green color?

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

12. Which of these is considered a 'legume'?

A) Wheat
B) Rice
C) Pea
D) Corn

13. What is the term for the process of growing plants in water instead of soil?

A) Hydroponics
B) Aquaponics
C) Aeroponics
D) Xeriscaping

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14. Which type of plant completes its life cycle in a single growing season?

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

15. What is the main role of the xylem in a plant?

A) Transporting sugar
B) Transporting water
C) Storing energy
D) Protecting the bark

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