

Nature and Plant Kingdom Quiz

Natural Science · Practice Test · 15 Questions

1. Which process do plants use to convert sunlight into chemical energy?

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

2. What is the primary function of the xylem in vascular plants?

- A) Transporting water from roots to leaves
- B) Storing excess sugar
- C) Absorbing sunlight
- D) Protecting the seeds

3. Which part of a plant is responsible for producing seeds?

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

4. What is the main purpose of a plant's root system?

- A) To attract pollinators
- B) To absorb water and minerals
- C) To perform photosynthesis
- D) To release oxygen

5. Which of these gases do plants primarily absorb from the atmosphere for photosynthesis?

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

6. In the life cycle of a flowering plant, what develops from a fertilized ovule?

- A) Seed
- B) Flower
- C) Stamen
- D) Petal

7. Which of the following is a deciduous tree, meaning it loses its leaves annually?

- A) Pine
- B) Maple
- C) Spruce
- D) Cypress

8. What is the sticky substance inside a flower that catches pollen?

- A) Nectar
- B) Stigma
- C) Sepal
- D) Anther

9. Which biome is characterized by very low temperatures and a lack of trees?

- A) Rainforest
- B) Tundra
- C) Grassland
- D) Savanna

10. What substance gives leaves their green color?

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

11. Which of these plants is known for trapping insects to supplement its nutrients?

- A) Fern
- B) Venus flytrap
- C) Cactus
- D) Moss

12. What is the scientific term for the waxy, waterproof layer on the surface of a leaf?

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

13. Which type of plant reproduces via spores instead of seeds?

- A) Rose
- B) Oak tree
- C) Fern
- D) Sunflower

14. What do we call the underground stem from which some plants like onions and tulips grow?

- A) Bulb
- B) Taproot
- C) Rhizome
- D) Tuber

15. What is the main role of the stomata found on the underside of leaves?

- A) Absorbing soil nutrients
- B) Gas exchange
- C) Anchoring the plant
- D) Producing seeds