

Nature and Plant Kingdom Quiz

Natural Science · Answer Key · 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