

## Asexual reproduction in plants and pollination Quiz

1. What is pollination?
  - A) Transfer of pollen from the anther to the stigma
  - B) Transfer of seeds from the flower to the soil
  - C) Transfer of water from the roots to the leaves
  - D) Transfer of nutrients from the soil to the plant
2. Which part of the flower produces pollen?
  - A) Stigma
  - B) Ovary
  - C) Anther
  - D) Sepal
3. What is the role of pollinators in the pollination process?
  - A) They carry water to the plants
  - B) They transfer pollen from one flower to another
  - C) They fertilize the ovules directly
  - D) They produce nectar
4. Which of the following is NOT a common pollinator?
  - A) Bees
  - B) Bats
  - C) Wind
  - D) Earthworms
5. What type of pollination occurs when pollen from one flower is transferred to another flower on the same plant?
  - A) Self-pollination
  - B) Cross-pollination
  - C) Wind pollination
  - D) Animal pollination
6. Which part of the flower is sticky to capture pollen?
  - A) Petal
  - B) Anther
  - C) Stigma
  - D) Ovule
7. Which type of pollination is aided by insects, birds, and animals?
  - A) Wind pollination
  - B) Water pollination
  - C) Animal pollination
  - D) Self-pollination
8. What is the main advantage of cross-pollination?
  - A) It increases genetic diversity
  - B) It ensures faster reproduction
  - C) It reduces the need for pollinators
  - D) It produces identical offspring
9. What is a disadvantage of self-pollination?
  - A) It requires multiple plants
  - B) It depends on external pollinators
  - C) It reduces genetic variation
  - D) It is less reliable
10. How do flowers attract pollinators?
  - A) By producing seeds
  - B) By releasing carbon dioxide

- C) By displaying bright colors and producing nectar  
D) By growing tall
11. Questions on Parts of a Flowering Plant:
12. Which part of a flowering plant is responsible for photosynthesis?
- A) Roots  
B) Stem  
C) Leaves  
D) Flowers
13. Which part of the plant anchors it to the soil and absorbs water and nutrients?
- A) Leaves  
B) Stem  
C) Roots  
D) Flowers
14. What is the function of the stem?
- A) Absorb water  
B) Support the plant and transport nutrients  
C) Produce pollen  
D) Capture sunlight
15. Which part of the flower develops into fruit?
- A) Anther  
B) Stigma  
C) Ovary  
D) Petal
16. What is the main function of petals?
- A) To protect the reproductive organs  
B) To attract pollinators  
C) To produce seeds  
D) To carry out photosynthesis
17. Which part of the plant contains the female reproductive organs?
- A) Sepal  
B) Stamen  
C) Pistil  
D) Anther
18. What is the male reproductive part of a flower called?
- A) Pistil  
B) Stigma  
C) Stamen  
D) Ovary
19. What is the primary function of the roots in a flowering plant?
- A) Produce flowers  
B) Conduct photosynthesis  
C) Absorb water and nutrients  
D) Transport pollen
20. Which part of the flower protects the bud before it opens?
- A) Petal  
B) Sepal  
C) Stigma  
D) Anther
21. What is the function of the ovule in a flowering plant?
- A) To produce pollen  
B) To develop into seeds after fertilization  
C) To attract pollinators  
D) To support the flower