

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