Understanding Pollination

Biology · Practice Test · 10 Questions

1. What is pollination?

A) The growth of a plant
B) The transfer of pollen from an anther to a stigma
C) The process of photosynthesis
D) The formation of seeds without fertilization

2. What is the first step in pollination?

A) Fertilisation
B) Transfer of ripe pollen
C) Receptive stigma
D) Pollen grain

3. What is the destination for pollen during pollination?

A) Anther
B) Stigma
C) Petal
D) Root

4. Which type of pollination involves pollen transfer within the same flower or to another flower on the same plant?

A) Cross-pollination
B) Self-pollination
C) Wind pollination
D) Water pollination

5. If pollen moves from an anther of one flower to the stigma of a flower on a different plant of the same species, what type of pollination is this?

A) Self-pollination
B) Wind pollination
C) Cross-pollination
D) Insect pollination

6. What part of the flower produces pollen?

A) Stigma
B) Ovary
C) Anther
D) Petal

7. What must the stigma be for pollination to occur?

A) Ripe
B) Shed
C) Receptive
D) Green

8. What is the result of successful pollination that follows fertilization?

A) Wilting
B) Pollen formation
C) Seed development
D) Leaf growth

9. In self-pollination, pollen can be transferred to a stigma on:

A) A different plant
B) The same flower or other flowers on the same plant
C) Only a different flower on the same plant
D) Only the same flower

10. In cross-pollination, pollen is transferred from the anther of one flower to the stigma of a flower on:

A) The same plant
B) A different plant of the same species
C) A different species
D) The same flower