

Home Assignment

Short-answered questions:

Q1) Write two ways in which pollination may occur in plants.

Ans → a) Self-pollination
b) Cross-pollination

Q2) Name the three agents of pollination.

Ans → a) Insects
b) Wind
c) Water

Q3) Give two features of flowers which favour pollination by insects.

Ans → a) These flowers are large with coloured petals, to attract insects.

b) They are scented so that insects locate the flowers by smell.

Q4) Name two characteristics of flowers in which pollination occurs by wind.

Ans → a) They are usually small and are of dull colours.

b) They generally have long anthers protruding out of the flower so that pollen grains may get blown off easily.

Q5) Fill in the blanks by selecting suitable words:

a) A flower that bears both the male and the female parts is known as bisexual flower.

b) A flower bearing only male or female parts is known as unisexual flower.

c) Transfer of pollen grains from the anther to the stigma is known as Pollination.

d) Fusion of male cell with the female cell is called Fertilisation.

e) The ovule develops into a seed .

f) The ovary of the flower develops into a fruit .