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1. Define Pollination. Why it is necessary - why

Ans → Pollination is the transfer of pollen grains from one flower to another.

★ Pollination is important because it leads to the production of fruits we can eat, and seeds that will create more plants.

2. Differentiate between self pollination and cross pollination.

Ans	Self pollination	Cross Pollination
(i)	It is transfer of pollen to stigma of the same flower.	(i) It is the transfer of pollen to stigma of another flower of same plant or another plant of same kind.
(ii)	It occurs only in bisexual flowers	(ii) It takes place both in unisexual and bisexual flowers
(iii)	It does not lead to genetic diversity	(iii) It leads to genetic diversity

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Why rose is said to be insect pollinated flowers?

Ans →

The flowers are often large and scented, and the stamens are so - positioned that pollen is deposited on the insects while they feed on the nectar.