

1- Define pollination. Why it is necessary?

A- Pollination is the process in which the pollen grains from the anthers are transferred to the stigma of a flower of the same species. It is important because it leads to the production of the ~~food~~ fruit we eat. It also creates seeds that will create more plants.

2- Differentiate between self and cross pollination.

A-	SELF POLLINATION	CROSS POLLINATION
•	The transfer of pollen grains from the anther of a flower to stigma of the same flower or another flower of the same plant is known as self pollination.	The transfer of pollen grains of a flower to the stigma of another flower of a different plant of the same species is called cross pollination.
•	It is also known as autogamy.	It is also known as allogamy.

3- Why rose is said to be insect pollinated flower?

As a bee takes nectar from a rose flower, pollen sticks to its legs and body hair. When it moves to the next flower, some of the pollen rubs off and sticks to the female rose flower pollinating it.