

ASSIGNMENT

1 Define pollination? Why it is necessary?

The pollen grains from the male part are transferred to the female part of the flower. This transfer of pollen from anther to stigma is called pollination. 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 and cross pollination.

The process of transferring the pollen grains from the anther to the stigma of the same flower or the stigma of a flower on the same plant is called self-pollination whereas the process by which the pollen grains are transferred from the anther of a flower to the stigma of another flower of the same species is called cross-pollination.

3 Why rose is said to be insect pollinated flower?

Insect pollinated flowers are those flowers which rely on insect, birds and animals to transfer the pollen grains from the anther of one flower to the stigma of another flower. ~~And~~ roses are pollinated by insects, The flowers are brightly coloured and produces nectar. This attracts the insect. When the insect visits the flower pollens stick on its ~~was~~ body. When the same insect visits another flower it dusts the pollens on its stigma resulting in pollination. That's why rose is said to be insect-pollinated flowers.