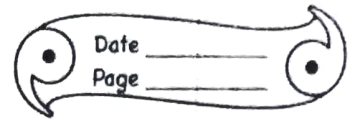


## Home Assignment - 06/07/21



1. Pollination is the process in which the pollen grains (Male Gamete) get transferred from the anther to the egg cells (female gamete) present in ovary. Pollination is necessary because it involves the transfer of gametes, or if the male gamete doesn't reach the female gamete, fertilization will not occur and seed formation will also not take place.

2. Self Pollination	Cross pollination
* It occurs when pollen grains get transferred from anther of one flower to the stigma of the same flower or another flower of the same plant. but of same species.	It occurs when pollen grains from the anther of one flower fall on the stigma of another flower of another plant but of same species.
* It may or may not require pollinators	It requires pollinators
* It's a more safer method of pollination	It's not a safer method of pollination

3. Although Rose is a Bisexual flower, its 'Pistil' remains covered by the thick layer of petals for which, it needs to be pollinated by some pollinator which can enter into it and pollinate them.

Thus, Natural agents like air and water aren't capable of doing this but Insects enter inside the flower in search of ~~more~~ Nectar and in that time, the pollen grains get transferred when the insect touches the stigma. Thus, Rose is mainly pollinated by ~~using~~ Insects.