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1. Artificial Pollination is a process in which flowers of same species are pollinated artificially by humans.

2. Steps of artificial Pollination -

i) Pollen grains are collected from the anthers of the male flower / male part of the flower before Maturation. This process is known as -
Emasculatim

ii) The ^{Pistill} ~~anther~~ of the female flower (~~if any~~) is ~~either removed~~ or covered with a polythene bag to prevent self pollination before artificial Pollination. Its called Bagging.

iii) Now the pollen grains from anther of first plant is put on the stigma of the second plant by removing the bag ~~is~~. This is done using a brush. Now the pistil is again covered.

3. Artificial Pollination is beneficial to horticulture because -

i) It doesn't depend on other pollinators or climatic conditions

ii) New plants can be made by hybridizing the parent plant

iii) desired characteristics in a fruit or flower can be obtained.

iv) The population of a particular plant can be increased.