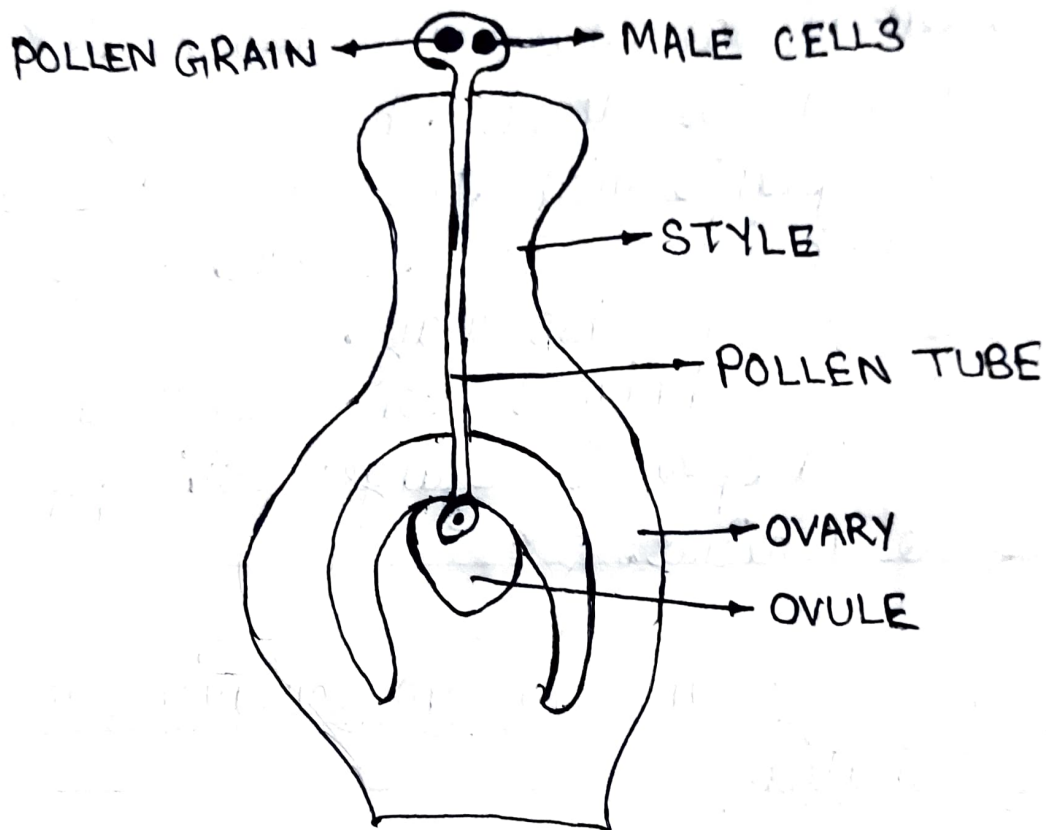


HW
15/7/2021

Home Assignment

- 1) Draw a neat, labelled diagram of a pistil showing pollen tube growth and its entry into the ovule.



Pollen tube entering the ovule

- 2) Distinguish between fertilization and pollination. Mention the site and product of fertilization in flower.

Ans- Fertilization: Fertilization is the fusion of the male cell with the female cell to produce a zygote.

Two types of fertilization are double fertilization and triple fertilization.

Pollination: Pollination is the process in which the pollen grains from the anthers are transferred to the stigma of a flower of the same species. There are two types of pollination which are self-pollination and cross-pollination.

* The fertilization of the pollen grains occur at the pistil of the flower in the ovaries.

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