

# Home Work

Q 1 - Distinguish between fertilisation and pollination. Mention the ~~right~~ site and product of fertilisation.

Ans-

Pollination

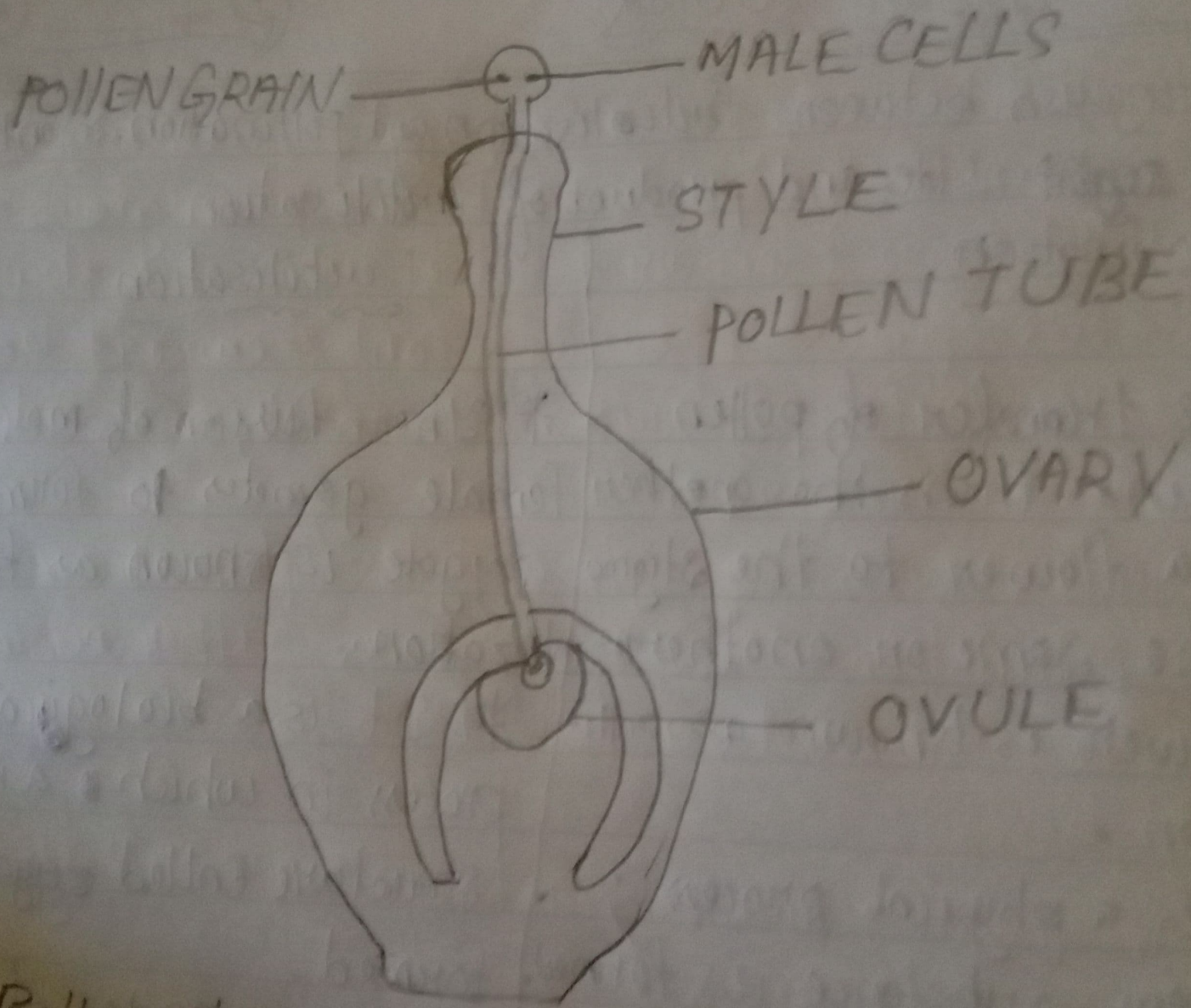
Fertilisation

- |  |   |
|--|---|
| * The transfer of pollen grains from the anther of a flower to the stigma of the same or another flower is known as pollination. | * The fusion of male and female gametes to form zygote is known as fertilization.               |
| * It is a physical process; No new substance is formed.  | * It is a biological process in which a new structure called zygote is formed.                  |
| * It is two types - self-pollination and cross-pollination.  | * The modes of fertilisation in a nature are internal fertilization and external fertilization. |

The site of fertilization in flower is ovary and the product of fertilization is fruit.

Q 2 • Draw a neat, labelled diagram of a pistil showing pollen tube growth and its entry into the ovule.





Pollen tube entering the ovule