

HW

⇒ Distinguish between fertilization and pollination. mention the site and product of fertilization in flower.

A) Fertilization) Is the fusion of male gamete and female gamete to produce a zygote.

It fuses with the male sex cell and female sex cell.

Pollination) Is the process in which the pollen grains from the anthers are transferred in the stigma of the female flower.

The ovary remains attached to the stalk of the flower or remains and grows into a fruit. The ovules inside the ovary develop into seeds. Other parts like sepals and petals fall off.

2) Draw a neat labelled diagram of pistil showing pollen tube growth and

its entry into the ovule.

