

Tender Heart High School, Chandigarh

Class-VI

Subject: Biology

Date: 6.5.24

Chapter-2

The Flower

Teacher: Nimrita

Good Morning students!

This lesson is of Class-VI for the subject of Biology, Chapter-2, The Flower, of your textbook Concise Biology by Pelina Publications. It is being submitted to you on 6th May, 2024.

In this chapter, we will study about flower and pollination.

Flower:-

It is the most beautiful part of a plant.

- Pedical:- The stalk of a flower is called as pedicel.
- Calyx/sepals:- Green leaf like structures which protect the bud.
- Corolla/petals:- These are brightly coloured parts of flower.
- Androecium/stamen: It is the male reproductive part of flower. (anther + filament)
- Gynoecium (ovary: stigma + style) Carpel/Pistil :- It is the female reproductive part of flower.

Types:

- Bisexual flowers: It has both male and female reproductive parts.
- Unisexual flowers: It has either male or female

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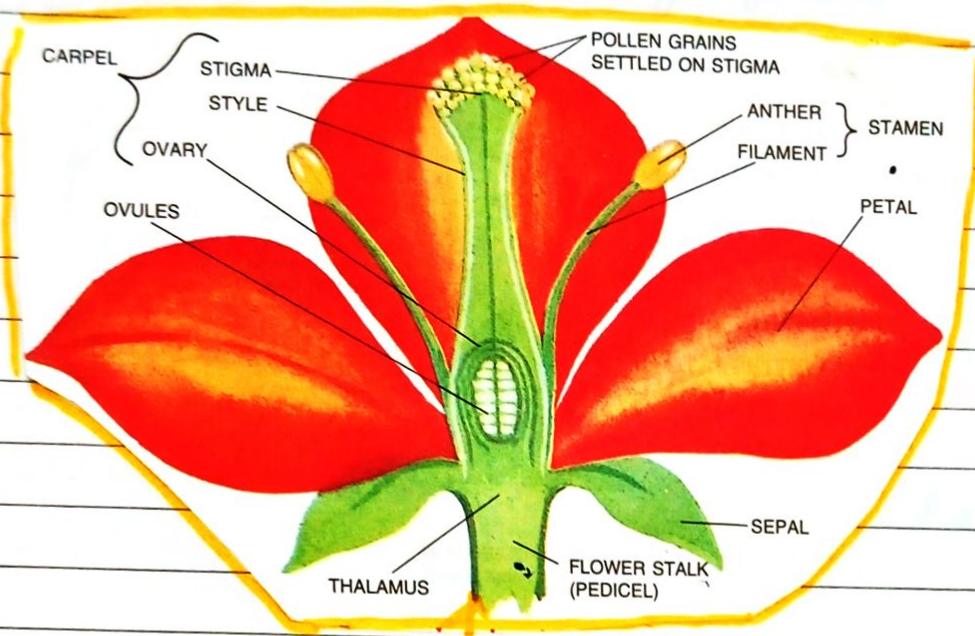
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reproductive part.



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Pollination:- It is the transfer of pollen grains from anther to stigma of the same flower (self pollination) or flowers on different plants. (cross pollination).

Agents of pollination:-

- Insect pollinated flowers are brightly coloured.
- Wind pollinated flowers are dull.
- Water pollinated flowers are submerged in water. (Vallisneria)
- Some animals also assist in pollination.

Fertilization: It is the fusion of male and female gametes to form zygote.

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Fate of each part of flower after fertilization :-

- Ovary → fruit.
- Ovules → seed
- Sepals and petals : fall off.

I am ending today's topic. Do Q1, 3, 8 and 10 on page -26, 27 of your book.

Thank you!

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