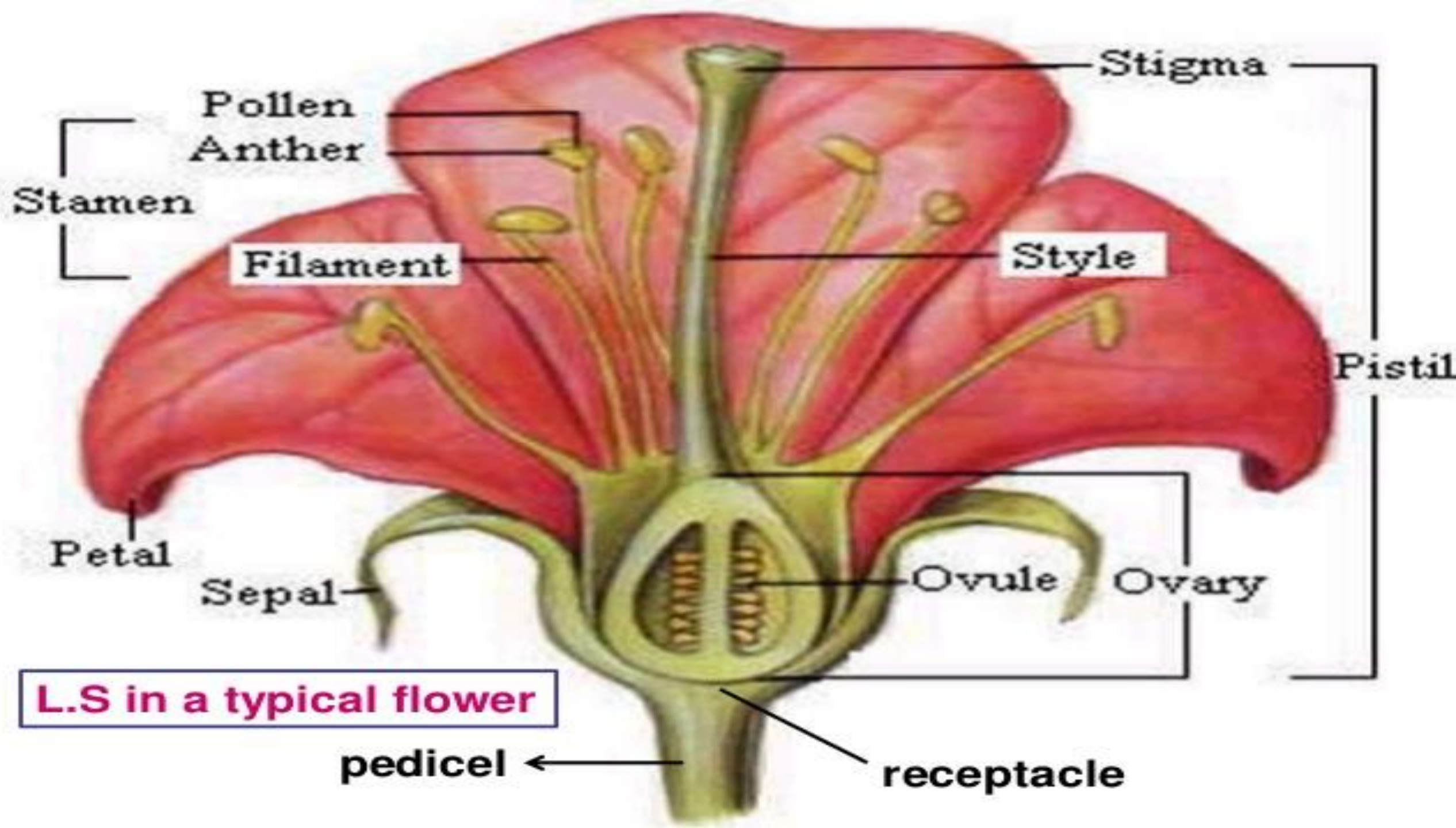


# THE FLOWER

# INTRODUCTION

## Definition:

- ❑ Flower is compressed fertile shoot with modified leaves or floral leaves.
- ❑ Adapted for the production of fruits and seeds



## Typical flower “Complete flower

**Consist of**

**Calyx:** composed of sepals

**Corolla:** Composed of petals

**Androecium:** composed of stamens.

**Gynoecium:** composed of carpels.

**Incomplete flower:**

When some floral parts as sepals or petals are absent.

On the basis of number of whorls of flower

**Tetracyclic:** four whorls

**Pentacyclic:** five whorls

According to the presence of all floral parts:

**Complete:** The flower has all the usual parts

**Incomplete:** The flower is lacking one or some of the regular parts.

According to the presence or absence of sexual organs:

**Hermaphrodite or bisexual flower:**

When both the male and female organs are present

**Sterile :** when both male and female organs are absent or not functioning.

**Unisexual (imperfect)**

Only one of the sexual organs is present and functioning

i) Staminate: only male organ is present

ii) Pistillate: only female organ is present

# The Floral Parts

Clip slide

**Non-Essential parts**

**Essential parts**

1

**Calyx**

**Unit sepal**

2

**Corolla**

**Unit petal**

3

**Androecium**

**Unit stamen**

4

**Gynoecium**

**Unit carpel**

