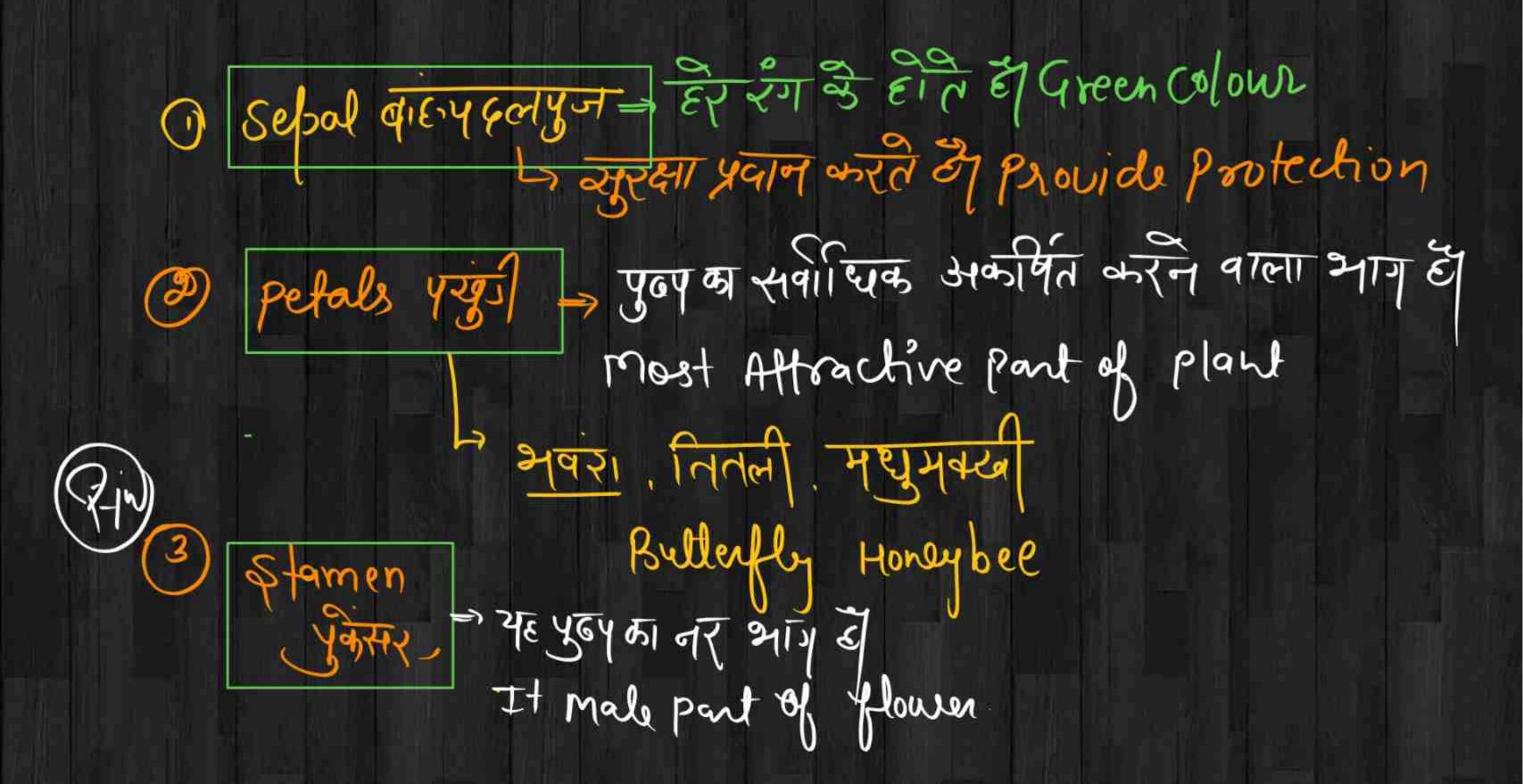
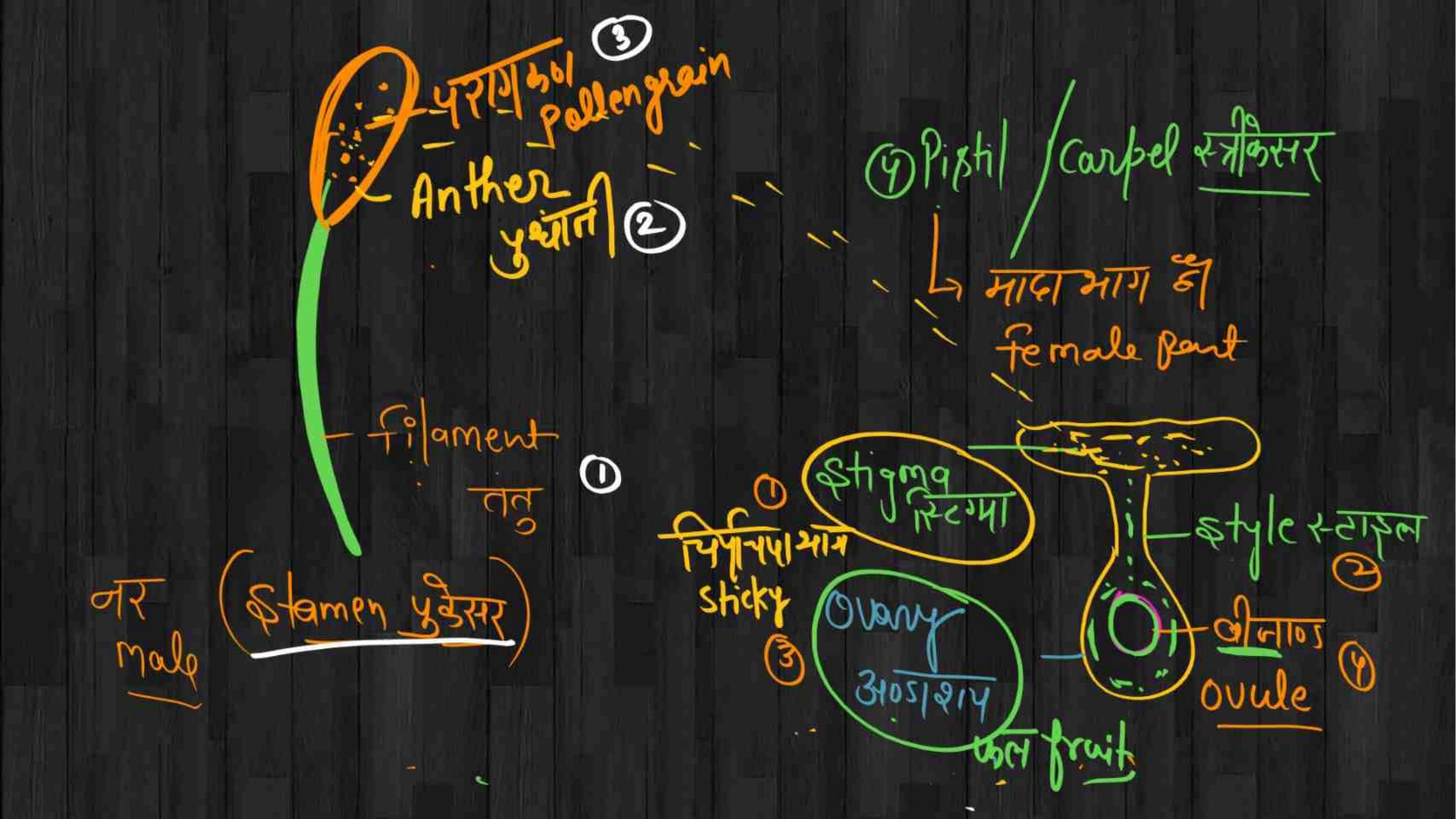


Reproduction

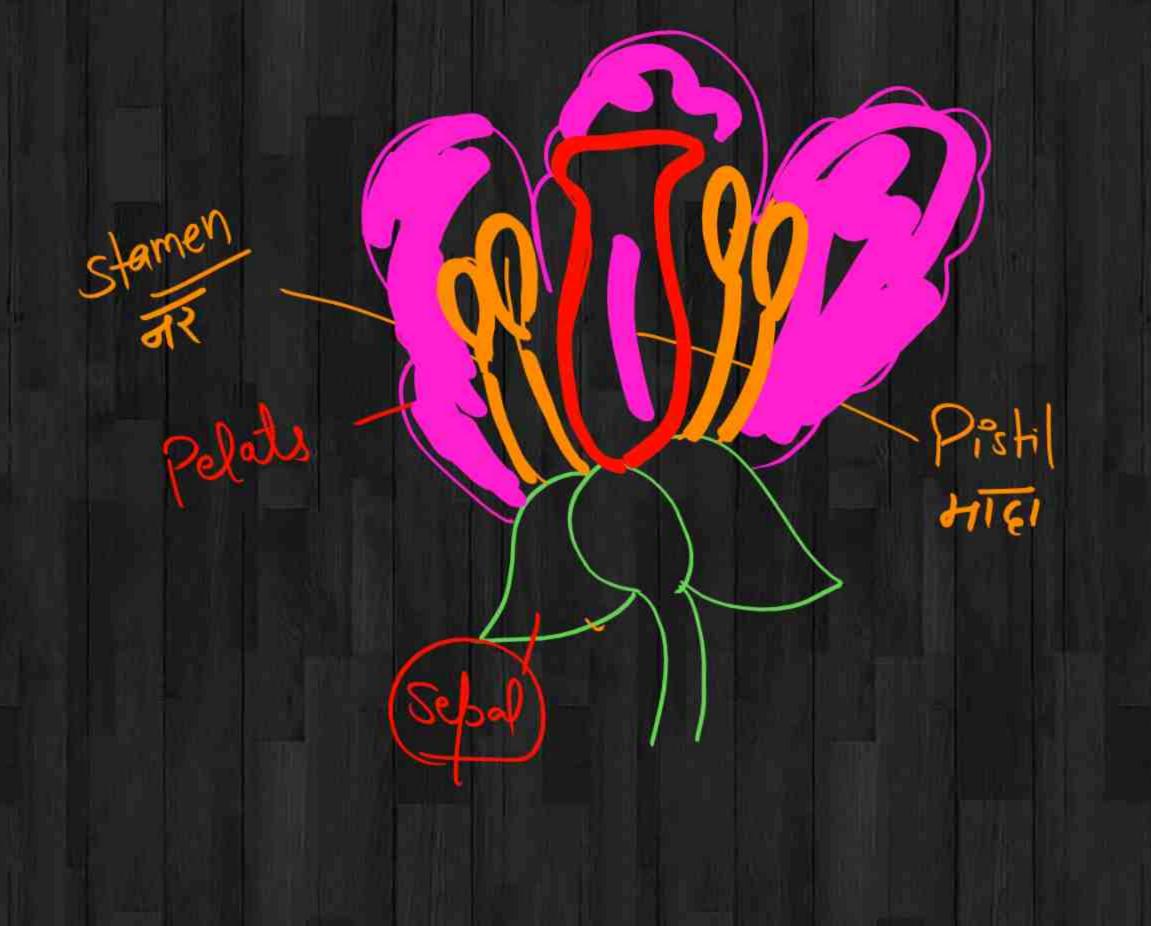
- 1 you flower
 - # 4144 Milles 2117 Et sexual Part of Plant
 - # you a stomers

 - (i) Sebal वाह्यक्त पुंत (ii) Petals (conally) हलपुनं (भयुंगे) (ii) Pistil (compet स्मिक्सर
- Stamen or ari





Pallen your Pollenation परागकर्गा का प्रधानी से भादा है रिस्प्मा तक पहुंचन की क्रिया प्राग्न करलानी हें transfer of pollengarum from Anther to Stigma of Note to the ant forther AIGHT & MOSTATY & ETATES
Formation of fruit take place by the part of Ovary of female हाता है। formation of seed take place by the outle southe south () forang



Plant tissue of Harmone.
4199 37135 STE ETHIST

Tissue

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Hormone Classification 41943795 Plant timbue

Meriestematic प्रांतिक विश्यम्पोतक अतिक

विभाजन होता है। division take place here) (D. Abical ait प

(11) Internodo 4848787

Permanent tissue स्थायी अतक

विभाजन नहीं छेता हैं।

Permanent tissue

स्परल simple

- 1) Posen Chyma 44901541
- (2) Collendhyma midologons 41
- (3) Schenenchyma एकेल्युनकाइमा

Complex sticet

Xylem Phloem

SHEMH UNIKH

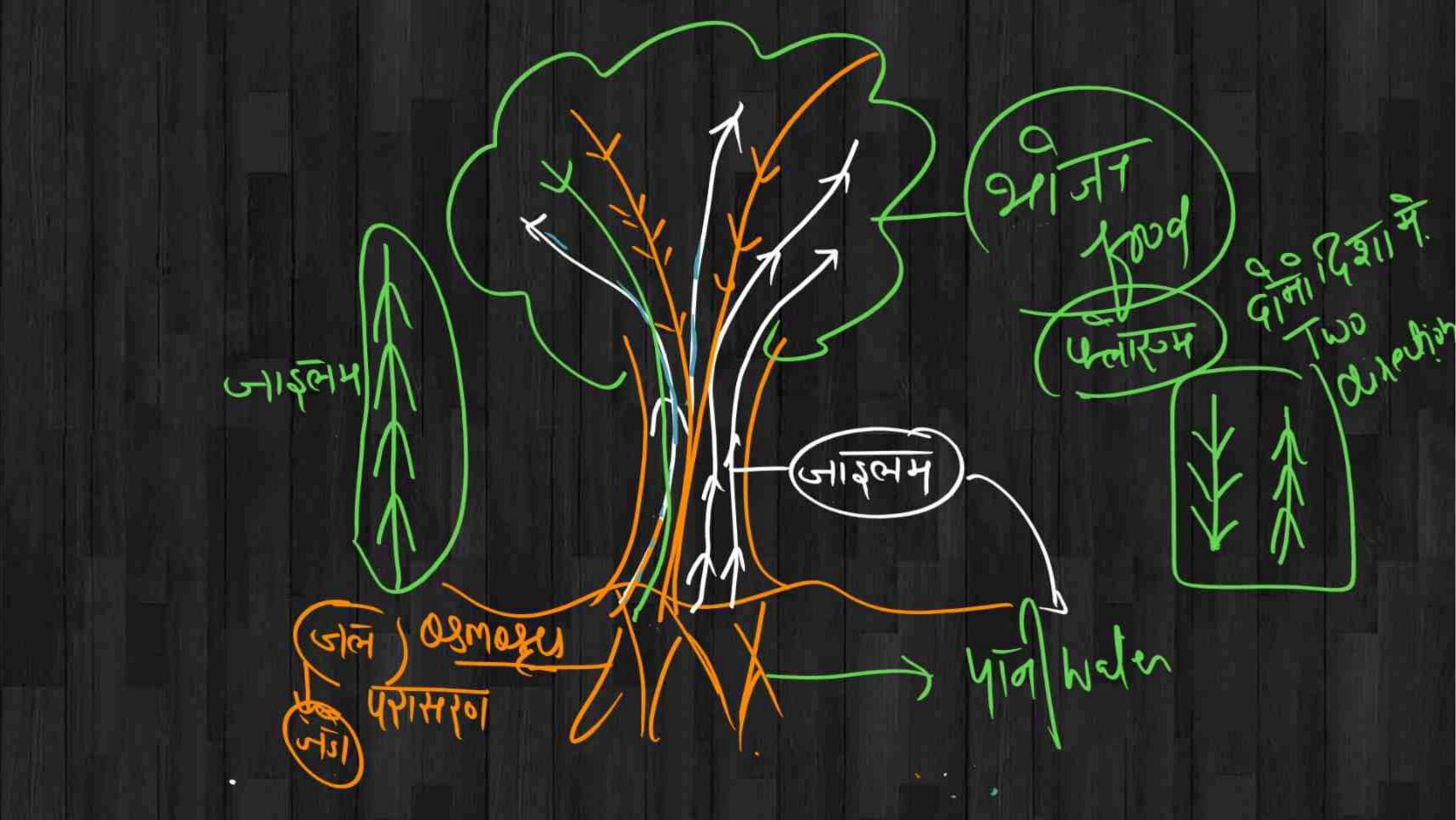


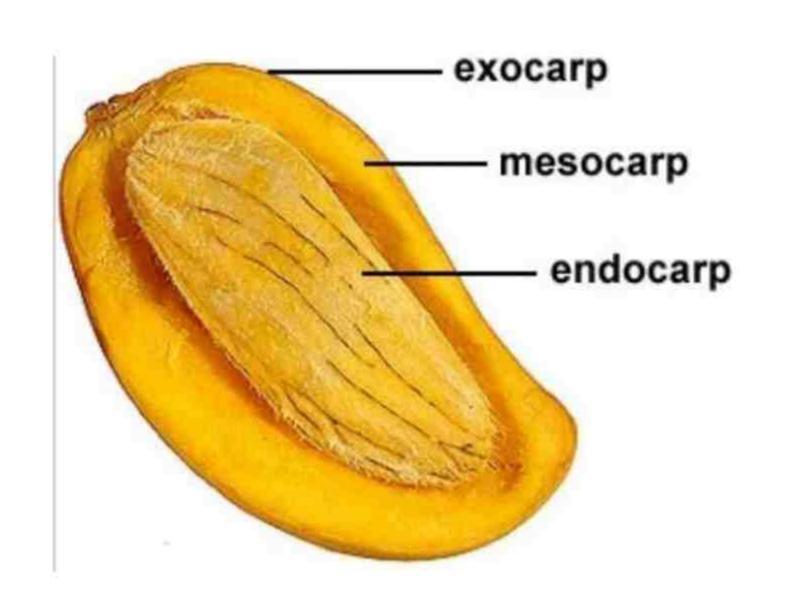
ा जाल व खीनज पहाणी का र्थानान्तर्ग भरता ही Agansportation of water & mineral क्रक दिशात्मक ही One directional

Phloem

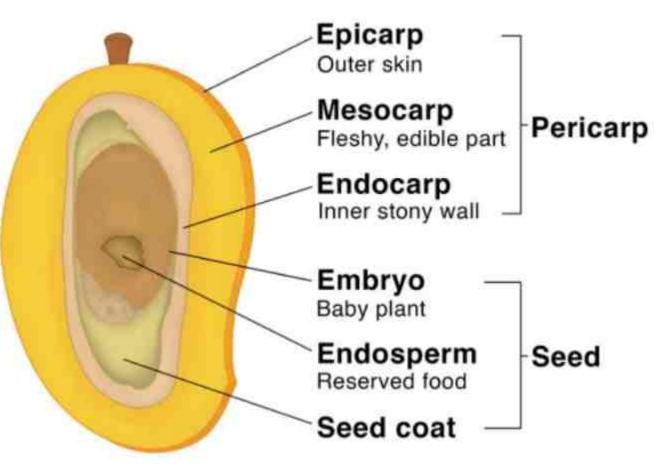
ण यह पत्तिपा से आ जन का स्थानान्त्रव करता है। Stansportation of frod from leaves

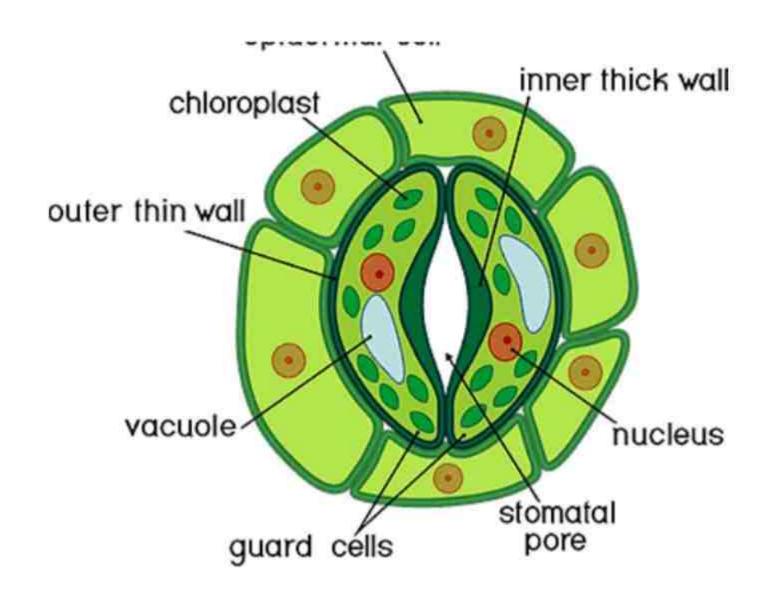
(D) PEGGRINHOS ET Two directional





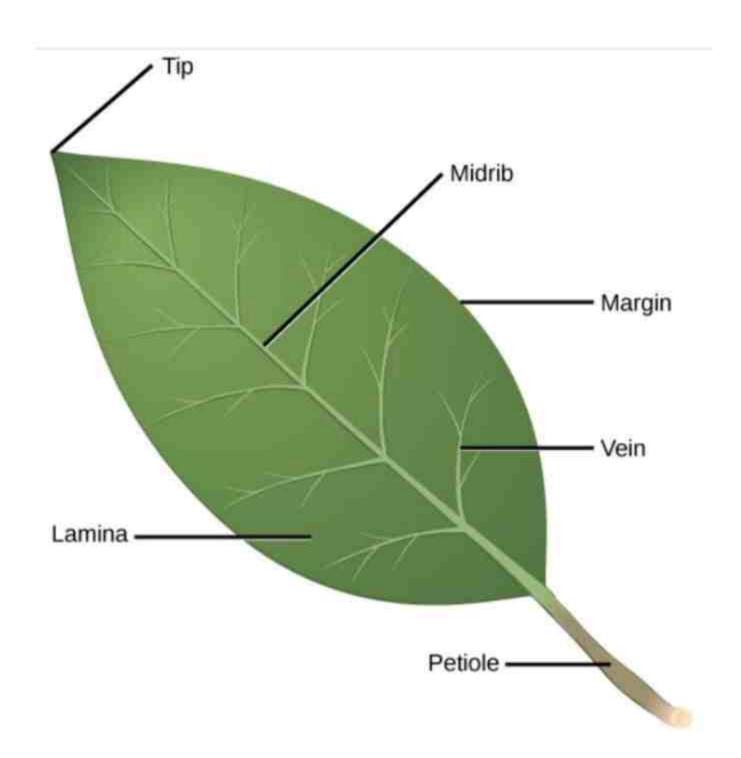
Parts of a Fruit





stoma onen

Stomata Science Facts -Opened stoma CO2 Closed stoma





To perform special functions the roots change their size and shape.



STORAGE OF FOOD e.g. Beet root



Modification of stem

Stem modified for storing the food materials and for vegetative propagation.

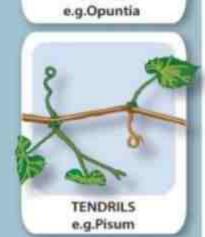


MECHANICAL SUPPORT e.g. Banyan tree e.g. Cactus









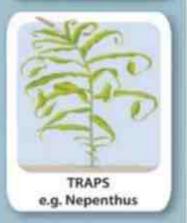
SPINES

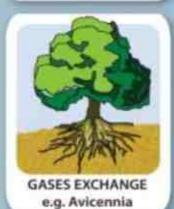
Modification

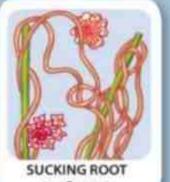
of Leaf

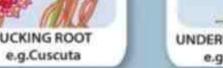
Leaves have changed themselves to adopt to their environment











Tendril: These types of stems are slender, spirally coiled, which help a plant to climb. Example: Passiflora, Grapevine etc.

Bulbil: These are modified axillary buds which become fleshy and swollen due to the storage of food. They help in vegetative propagation to form a new plant. Example: Dioscorea.

Thorn: These are hard, woody, and pointed structures that protect plants from grazing animals. It originates from the axillary or terminal bud. Example: roses, citrus, bougainvillea, duranta etc.

Cladodes: These are non-fleshy and cylindrical that contain only one internode. Example: Asparagus, butcher's broom.

Phylloclade: These are green, fleshy, and flattened or cylindrical branches containing chlorophyll and photosynthesis. This modification is found in xerophytic plants and stores water. Example: Opuntia, Casuarina,

Aerial stem



Passiflora (Tendril)



Dioscorea (Bulbil)



Bougainvillea (Thorn)





Opuntia (Phylloclade)

Runner: It is a creeper that runs horizontally along the surface of the soil. Runners have long internodes. The nodes have scale leaves, adventitious roots, and auxiliary buds. An underground runner is known as sobole.

Example: Grass, Cynodon, Oxalis.

Offset: These are shorter and thicker than the runner with a single internode. It originates from the leaf axis and grows horizontally.

Offsets are often found in aquatic plants like water lettuce, water hyacinth, etc.

Stolon: It grows above ground for some time and then bends towards the ground until it touches the ground. Stolon arises from the lower part of the main axis. Example: Jasmine, colocasia, etc.

Sucker: The sucker stem is very similar to the stolon, but it grows obliquely upwards and gives rise to a new plant. Example: Garden chrysanthemum, strawberry, pineapple, mentha, etc.

Sub-Aerial Stem

