

## Chapter 6

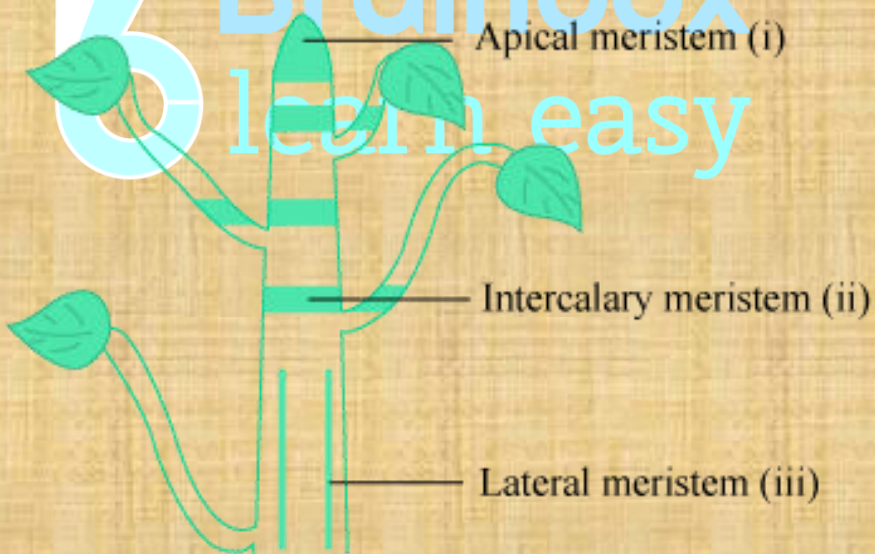
# TISSUES

## Plant Tissues:

- In plants growth factor observed in certain specific regions.
- Based on the regions type of the cells, tissues are 2 types.

### Meristematic Tissue:

- Meristem meaning division.
- Meristems usually occurs at the tip of root and shoot.
- These tissues are classified.



Apical - Primary tissue

Lateral – Secondary tissue

Intercalary – Primary tissue, which forms between mature tissues.

### Apical meristems:

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- These are present in shoot and root tips which helps to increase the length .
- Rapid growth which increase the height of the plant.

### Lateral Meristems:

- These are present in shoot and root which form girth.
- Lateral meristems also called cambium.
- Girth observed once plant grow horizontally.

### Intercalary Meristem:

- Axillary buds which forms between mature tissues.
- Which located near the nodes of stem & base of leaf. They help branching.
- Both Apical and Intercalary meristems called primary meristem.
- Which helps to formation of primary plant body.

