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Class 10<sup>th</sup>

Subject Biology

Date:- 25.05.21

## LIFE PROCESSES

### Transportation in Plants

There are two main conducting pathways in a plant.

(i) Xylem

(ii) Phloem

Xylem	Phloem
Carries water & minerals from the roots to other parts of the plant.	Carries product of photosynthesis from leaves to the other parts of the plant.
No energy is used.	Energy is used from ATP.

### Transpiration and its Functions

It is the process of loss of water as vapour from aerial parts of the plant.

#### Function :

- (a) Absorption and upward movement of water and minerals by creating PULL.
- (b) Helps in temperature regulation in plant.

Transport of food from leaves (food factory) to different part of the plant is called **Translocation**.