

Chapter :2

**The leaf too has to say
(Simple notes)**

1.What is called tap root system?

Ans. It includes the tap root and the smaller roots.

2.What is called fibrous root system?

Ans. It includes a group of thin roots.

3.What are the differences between the tap root system and the fibrous root system?

Tap root system:-Tap root,strong, not easy to pull out.

Fibrous root system:-Thin roots, no

tap root, not strong, not easy to pull out.

4.What is called reticulate venation?

Ans. The net work like venation is called reticulate venation.

5. What is called parallel venation?

Ans. The parallel type venation is called parallel venation.

6.Give examples of tap root system.

Ans. Jackfruit tree

Teak tree, banyan tree, mango tree.

7.Give examples of fibrous root system.

Ans. Bamboo, coconut tree, arecanut tree, grass.

8.What are the differences between reticulate venation and parallel venation?

Ans.Reticulate venation:-Main vein, tap roots, not easy to tear, No long leaves.

Parallel venation:-No main vein, fibrous roots, easy to tear, long leaves.

9.Plants with tap root system have -----venation.

Ans. Reticulate.

10.Plants with fibrous root system have -----venation.

Ans.parallel.

11.What is called radicle?

Ans.The first part comes from the seed is called radicle.

12.Radicle will become ----of the plant.

Ans. Root.

13.What is called plumule?

Ans.The second part comes from the seed is called plumule.

14.The plumule will become ----of the

plant.

Ans. Stem.

15.What is called cotyledon?

Ans. The thick leaf like part in the plumule is called cotyledon.

16.Where is the food required for a seed to germinate is stored?

Ans. Cotyledons.

17.As the plant grows, the cotyledons shrink and decrease in size. Why?

Ans. The plant uses the food in it.

18.What are called monocots?

Ans. Plants with one cotyledon. Ex.

Coconut, paddy seed.

19.What are called dicots?

**Ans. Plants with two cotyledons.
Example: Jack fruit,mango, pea seed.**

**20.The outer part of the stem of -----
plants is harder than the inner part.**

Ans. Monocot.

**21.Find out the relation between the
root system, venation and cotyledons.**

**Ans. Plants with fibrous root system
have parallel venation and monocots.
Plants with tap root system have
reticulate venation and dicots.**

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