

4. Explain the structure and location of all types of meristematic tissues in plants.

Ans- Apical Meristem :-

* Present at the tips of the roots and shoots and helps in the increase of the height of the plants.

* Various cell divisions facilitate the growth of the cells in the roots and shoots and help in cellular enlargement.

Intercalary Meristem :-

* It is located in the leaves and internodes at the intercalary position.

* It is found in grass and pines

* Lateral Meristem :-

⇒ It is located in the stems and roots on the lateral side.

⇒ ~~It~~ It increases the thickness of plant

5. Which type of meristematic tissue helps in increasing the girth of the plant?

Ans. Lateral meristems give rise to the primary body of the plant and are responsible for the increasing of the girth of the plant.