

Fill in the blanks:

1. Apical meristem is present at the growing tips of stems and roots and increases the of the stem and the root.

Answer: Length

2. The meristem helps to increase the girth of the stem or root.

Answer: lateral

3. The process by which cells take up a permanent shape, size, and a function is called

Answer: specialisation

4. Large air cavities present in parenchyma of aquatic plants give to the plants to help them float.

Answer: buoyancy

5. Collenchyma is a tissue present in plants which provides flexibility in plants.

Answer: simple permanent

6. The husk of a coconut is composed of tissue.

Answer: sclerenchyma

7. Two kidney-shaped cells called cells enclose the stomata.

Answer: guard

8. Cells of cork are dead and have a chemical called in their walls that makes them impervious to gases and water.

Answer: suberin

9. The parenchyma stores food and helps in the sideways conduction of water.

Answer: xylem

10. An extracellular fibrous membrane separates all epithelium from the underlying tissue.

Answer: basement