

## HOMEWORK

Q1. Why Permanent tissues are named so?

Ans:- Cells derived from division of meristematic tissue take up ~~of~~ specific role and lose the ability to divide. The cluster of these cells form the permanent tissue. As these tissues lose the ability to divide, they are named ~~so~~ as permanent ~~to~~ tissue.

Q2. Write two differences between Meristematic and Permanent tissue.

Ans:- Meristematic  
Tissue

Permanent  
Tissue

1. Its cells grow and divide regularly.

1. Its cells do not normally divide.

2. Its component cells are small, spherical or polygonal and un-differentiated.

2. Its component cells are large, with different shapes and differentiated.

Q2: Write any four features of Parenchyma tissue.

- Ans:
1. The cells of Parenchyma tissue are isodiametric. They are oval, round, polygonal or elongated in shape.
  2. The cell wall is thin and encloses a dense cytoplasm.
  3. It consists of living cells.
  4. The cells are loosely arranged with large intercellular spaces.