

## → Homework :-

① Why permanent tissues are named so?

Ans-  
m Permanent tissues are the tissues <sup>that</sup> are completely grown and have lost the ability ~~of~~ division. Therefore, it is named so.

② Write two differences between meristematic and permanent tissue.

Ans :-  
m

## Meristmatic tissue

\* Meristmatic tissues can divide throughout their life.

\* In meristmatic tissues, the cells are always living cells.

## Permanent tissue.

\* Permanent tissues lost their ability of cell division after they completely grown.

\* Permanent tissues can be non-living (sclerenchyma) or living (parenchyma).

③ Write any four features of parenchyma tissue?

Ans :- \* Parenchyma is a living tissue with thin cell wall and living protoplasm.

\* Roughly isodiametric with intercellular spaces.

\* Found in cortex & pith of stems and roots, mesophyll of leaves and packing tissues in xylem and phloem.

\* It is metabolically active in nature.