

- 1) Why permanent tissues are named so?
- 2) Write two differences between meristematic and permanent tissue.
- 3) Write any four features of parenchyma tissue.

### Answers

1) The cells of permanent tissues do not have the ability to divide. These cells are already differentiated in different ~~tissue~~ tissues type and is now specialized to perform specific functions. So, simple permanent tissues are called so because the cells are ~~simple~~ -n and are differentiated.

2) Meristematic tissue	Permanent tissues
* Meristematic tissue has cells small in size and isodiametric in shape.	* Permanent tissue has cells large in size and their shape varies.
* Cells are compactly arranged without having intercellular spaces.	* Cells are arranged loosely in the parenchyma and compactly in sclerenchyma.

3) Cells of this tissue are relatively unspecialized and may be oval, rounded or elongated in shape. Their cell walls are thin. These cells are living. They have large intercellular spaces.