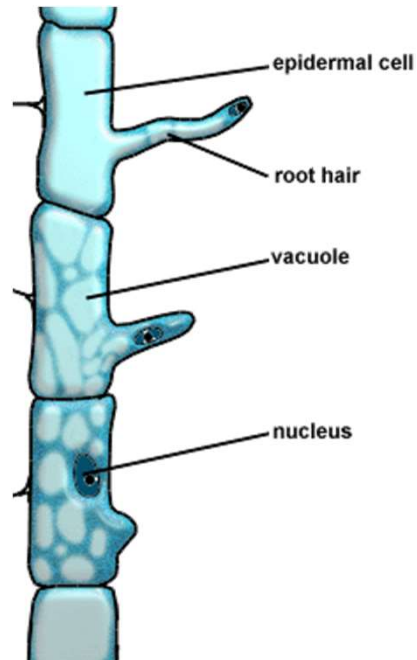


## Simple permanent tissue

### vi. Surface tissue :

- ◆ Epidermal cells of the roots, whose function is water absorption, commonly bear long hair-like parts that greatly increase the total absorptive surface area.



## Simple permanent tissue

### vi. Surface tissue :

- ◆ As woody plants grows older the outer protective surface tissue undergoes certain changes.
- ◆ This forms the several layer thick cork or bark of the tree.
- ◆ Cells of the cork are dead and are compactly arranged without intercellular spaces.
- ◆ They also have a chemical called suberin on their walls that makes them impermeable to gases and water.

A waxy substance

Which does not permit

