

Q1) Define Secondary growth.

Secondary growth is an increase in girth/width of a plant initiated by cell division in lateral meristems.

Q2) Name the meristematic tissue responsible for secondary growth in stems.

Lateral Meristematic tissue is responsible for secondary growth.

Q3) What are ~~the~~ the two types cambium? Write one difference b/w them.

There are two types of cambium - cork cambium and vascular cambium.

<u>Cork Cambium</u>	<u>Vascular Cambium</u>
Cork Cambium originates from cortex or pericycle. It gives cork to the outside and secondary cortex to the inside.	Vascular Cambium exist in the vascular bundles between the xylem & <del>the</del> the phloem. It gives secondary phloem to the outside & secondary xylem to the inside.

QW

4. Explain how bark of a tree is formed. How does it act as a protective tissue?

Bark of a tree is formed ~~as~~ due to the secondary growth in the plants. Phloem cut the cell inside as phelloderm and outer side as phloem of cork. It acts as a protective tissue to prevent loss of water through evaporation.