

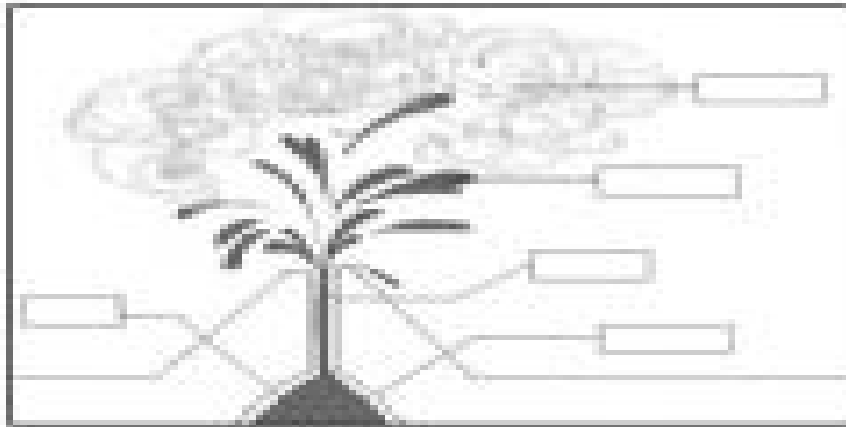
### **Stems and Rooting**

#### **Worksheet 10.1**

##### **1. Read the passage below and fill in gaps with the given words.**

The **apical** meristem (or shoot apical meristem) is the region of actively dividing (mitotic) cells at the tip of stems, the cells of the vascular buds. Most of the time, these are **undifferentiated** multipotential meristems which

form a **primary meristematic zone** and then the shoot tip is gradually **elongating** and loss of **self-doubt**, **vertical** extension of **shoots** is initiated.



Shoots, stems, meristems, vascular buds, shoot apical meristem, self-doubt