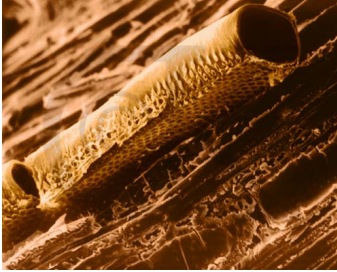

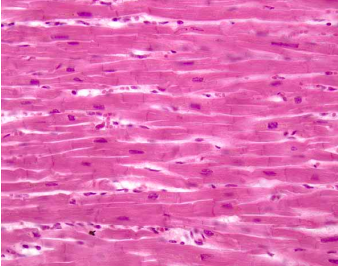
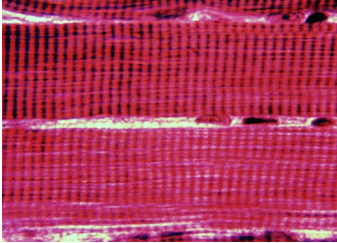



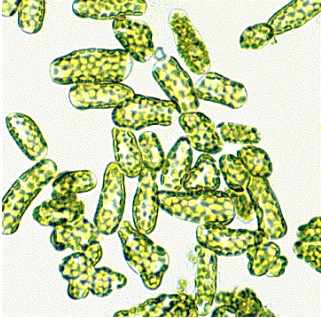
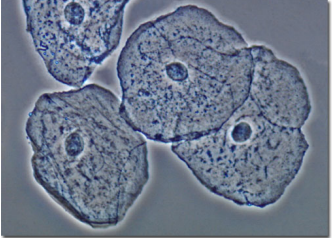
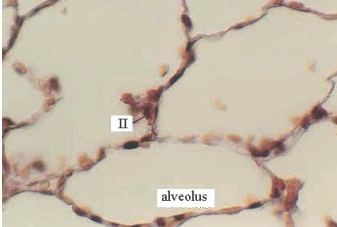
 <p>Root Hair</p>	 <p>Xylem Cell</p>	 <p>Red Blood Cell</p>
 <p>Cardiac muscle Cells</p>	 <p>Muscle Cells</p>	 <p>General Plant Cell</p>
 <p>Nerve cells (neurons)</p>	 <p>General animal cell</p>	 <p>mesophyll cells of Zinnia</p>
 <p>Epithelial cells (cheek)</p>	 <p>Alveolar (lung) cells</p>	<p>Directions: Sort all cells into two groups; Plant and Animal For each cell, compare it to the general cell and describe one way the cell is specialized by pointing out a structural difference. Research the function of the cell and explain how the cell is built for its job.</p>

B.5.B The student is expected to examine specialized cells, including roots, stems, and leaves of plants and animal cells such as blood, muscle, and epithelium