

Question Number	Answer	Mark
<b>3 (a)(i)</b>	C ;	<b>(1)</b>

Question Number	Answer	Mark
<b>3 (a)(ii)</b>	B ;	<b>(1)</b>

Question Number	Answer	Mark
<b>3 (a)(iii)</b>	far right-hand box ;	<b>(1)</b>

Question Number	Answer	Mark
<b>3 (a)(iv)</b>	Bacteria / Eubacteria / Archaeobacteria / Archaea ;	<b>(1)</b>

Question Number	Answer	Mark
*3(b)(i) QWC	<p>(QWC - Spelling of technical terms must be correct and the answer must be organised in a logical sequence)</p> <ol style="list-style-type: none"> <li>1. cellulose ;</li> <li>2. as microfibrils ;</li> <li>3. (cellulose molecules) held together by hydrogen bonds / eq</li> <li>4. detail of microfibril (e.g. {bundle /correct stated number of}) cellulose molecules) ;;</li> <li>5. correct reference to arrangement of microfibrils (in primary cell wall) ;</li> <li>6. reference to {matrix / hemicelluloses / pectins / eq} ;</li> <li>7. reference to primary and secondary cell walls ;</li> <li>8. detail of different laying down arrangement (in secondary cell wall) /reference to lignin ;</li> </ol>	<p><b>max (4)</b></p>

Question Number	Answer	Mark						
3 (b)(ii)	<table border="1"> <thead> <tr> <th data-bbox="395 309 810 394">Feature described</th> <th data-bbox="810 309 1152 394">Name of feature</th> </tr> </thead> <tbody> <tr> <td data-bbox="395 394 810 577">site where there was no cell wall and the cytoplasm linked the two adjacent cells</td> <td data-bbox="810 394 1152 577">plasmodesmata / plasmodesma ;</td> </tr> <tr> <td data-bbox="395 577 810 730">dark line that is the boundary between one cell and the next cell</td> <td data-bbox="810 577 1152 730">middle lamella ;</td> </tr> </tbody> </table>	Feature described	Name of feature	site where there was no cell wall and the cytoplasm linked the two adjacent cells	plasmodesmata / plasmodesma ;	dark line that is the boundary between one cell and the next cell	middle lamella ;	(2)
Feature described	Name of feature							
site where there was no cell wall and the cytoplasm linked the two adjacent cells	plasmodesmata / plasmodesma ;							
dark line that is the boundary between one cell and the next cell	middle lamella ;							