

Question Number	Answer	Mark																		
6(a)	<table border="1"> <thead> <tr> <th>Statements</th> <th>true</th> <th>false</th> </tr> </thead> <tbody> <tr> <td>Polymer of glucose</td> <td>✓ ;</td> <td></td> </tr> <tr> <td>Molecule contains α and β glucose</td> <td></td> <td>✓ ;</td> </tr> <tr> <td>Glycosidic bonds present</td> <td>✓ ;</td> <td></td> </tr> <tr> <td>Molecule may have side branches</td> <td></td> <td>✓ ;</td> </tr> <tr> <td>Molecule can form H bonds with adjacent molecules</td> <td>✓ ;</td> <td></td> </tr> </tbody> </table>	Statements	true	false	Polymer of glucose	✓ ;		Molecule contains α and β glucose		✓ ;	Glycosidic bonds present	✓ ;		Molecule may have side branches		✓ ;	Molecule can form H bonds with adjacent molecules	✓ ;		(5)
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6(b)	<ol style="list-style-type: none"> 1. starch from a renewable {resource / eq} ; 2. plastic from oil / eq ; 3. oil is a non-renewable resource/ eq ; 	max (2)

Question Number	Answer	Mark
6(c)	<p><u>Similarity</u></p> <p>(sclerenchyma fibres and xylem vessels) both for {support / eq} / both contain lignin / both associated with vascular bundles / both dead / eq ;</p> <p><u>Differences</u></p> <p>only xylem vessels transport {water / mineral / mineral ion / named ion} / position within vascular bundle / only xylem has open ends / type of lignin deposition / eq ;</p>	(2)