

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"> <li>1. starch from a renewable {resource / eq} ;</li> <li>2. plastic from oil / eq ;</li> <li>3. oil is a non-renewable resource/ eq ;</li> </ol>	max (2)

Question Number	Answer	Mark
6(c)	<p><b><u>Similarity</u></b></p> <p>(sclerenchyma fibres and xylem vessels) both for {support / eq} / both contain lignin / both associated with vascular bundles / both dead / eq ;</p> <p><b><u>Differences</u></b></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)