

Question Number	Answer	Additional guidance	Mark
<b>6(a)(i)</b>	An answer that includes the following point: <ul style="list-style-type: none"> <li>• amyloplast (1)</li> </ul>		<b>(1)</b>

Question Number	Answer	Additional guidance	Mark
<b>6(a)(ii)</b>	An explanation that includes three of the following points: <ul style="list-style-type: none"> <li>• {polymer of / contains} glucose because (glucose) is an energy source (1)</li> <li>• {branched / 1,6 bonds} therefore can be rapidly hydrolysed (to release glucose/energy) (1)</li> <li>• compact so more {glucose/energy} can be stored / compact so high energy density} (1)</li> <li>• insoluble therefore does not affect osmosis (1)</li> </ul>	<p>ACCEPT branched so quickly broken down ignore easy to break down</p> <p>ACCEPT compact so does not take up much space</p> <p>ACCEPT too big to diffuse across cell surface membrane / large molecules therefore remain in cells</p>	<b>(3)</b>

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Question Number	Answer	Mark
<b>6(b)(i)</b>	<p>The only correct answer is D 67 %</p> <p><i>A is not correct because that is 100-67</i></p> <p><i>B is not correct because the correct answer is 67 %</i></p> <p><i>C is not correct because that is incorrectly rounded from 66.6667</i></p>	<b>(1)</b>

Question Number	Answer	Additional guidance	Mark
<b>6(b)(ii)</b>	<ul style="list-style-type: none"> <li>• 1074 (million tonnes)</li> </ul>		<b>(1)</b>