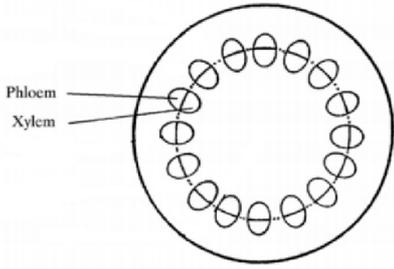


Question Number	Answer	Additional guidance	Mark
<b>6(a)(i)</b>	<ul style="list-style-type: none"> <li>correct position of xylem and phloem shown (1)</li> </ul>	<p>Example answer:</p>  <p>Accept P for phloem and X for xylem</p>	<b>(1)</b>

Question Number	Answer	Additional guidance	Mark
<b>6(a)(ii)</b>	<p>The only correct answer is A 1</p> <p><i>B is not correct because statements 2,3,4 are incorrect</i></p> <p><i>C is not correct because statements 2,3,4 are incorrect</i></p> <p><i>D is not correct because statements 2,3,4 are incorrect</i></p>		<b>(1)</b>

Question Number	Answer	Additional guidance	Mark
<b>6(b)(i)</b>	<ul style="list-style-type: none"> <li>subtraction using correct data from table (1)</li> <li>calculation of percentage decrease (1)</li> <li>answer correctly rounded to an appropriate number of decimal places (1)</li> </ul>	<p>Example of calculation:  <math>26.95 - 21.62 = 5.33</math>  <math>(5.33 \div 26.95) \times 100 = 19.78\%</math>  19.78(%) or 19.8(%)</p> <p>Correct answer with no working shown scores full marks</p>	<b>(3)</b>

Question Number	Answer	Additional guidance	Mark
<b>6(b)(ii)</b>	<p>An answer that includes the following points:</p> <ul style="list-style-type: none"> <li>(lack of water causes) reduction in (all three measurements of) growth of (core) fibres / causes the largest reduction in {growth / length / diameter / cell wall thickness} {one month after germination / in row 2} (1)</li> <li>not a significant difference for {core fibre diameter / mean cell wall thickness} {at flowering stage / in row 3} compared with row 1 as SD overlaps (1)</li> <li>row 1 did not develop water stress / row {2/3} developed water stress (1)</li> <li>water stress before flowering has a greater impact than water stress after flowering (1)</li> </ul>	<p>Accept description of correct trend from table e.g. row 1 has greatest values for all three measurements of growth, row 2 has the lowest values for all three measurements of growth</p> <p>Accept significant difference for two correct values from table as SD does not overlap</p> <p>Accept reliability of results for {significant / not significant difference}</p>	<b>(4)</b>