

Transport in Plants Mark Scheme

7.	(a)	(i)	<p>Increase in humidity - decreases</p> <p>Increase in temperature - increases</p> <p>Increase in wind speed - increases</p>	1	Only one response required.
		(ii)	<p>humidity put the apparatus in a (transparent) bag /container</p> <p>temperature put a heater beside it/put in a water bath at a higher temperature</p> <p>wind speed use a fan/hairedryer on cool setting beside the apparatus</p>	1	<p>Accept alternative suitable description.</p> <p>Answer must be appropriate to the selected change.</p> <p>Not acceptable - move apparatus to warmer area/turn up heating/ add a thermometer</p> <p>If hairedryer must state that it is on cool setting.</p>
	(b)	(i)	P has a greater number of stomata/ Q has fewer stomata	1	<p>Answer must be comparative.</p> <p>Not acceptable: different number of stomata</p>
		(ii)	Guard (cells)	1	

10.	A	
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8.	(a)		150	1	
	(b)	(i)	<p>Will be less evaporation/water loss</p> <p>OR</p> <p>Plant will not require as much water</p>	1	
		(ii)	Dry	1	

13.	B	
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