

Question	Answer	Marks	AO Element	Notes	Guidance
1	xylem ;	1			
2	conduction / transport / transfer of, water / mineral ions ; support ;	2			
3	sucrose and amino acids ;	1			
4	support / described ;	1			
5	evaporation ; (spongy) mesophyll ; stoma(ta) ;	3			
6	1.35 (g per hour) ; 13:30 ; 31 (°C) ;	3		A 1.30 – 1.40 A 13:12 – 13:54 A 30.5 – 31.5	
7	(acts as a) source when it is (moving sucrose from) a region of production / photosynthesising ; (acts as a) sink when it is, growing / storing / respiring / a region of utilisation ;	2			
8	Q phloem ; S xylem ;	2			

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					[Total: 15]