

Question Number	Answer	Additional guidance	Mark
2(c)(i)	<ul style="list-style-type: none"> • plasmodesma / plasmodesmata (1) 		(1)

Question Number	Answer	Additional guidance	Mark
2(c)(ii)	<p>An explanation that includes the following points:</p> <ul style="list-style-type: none"> • communication between / connects (connected) cells (1) • therefore signalling substances pass through {symplast / cytoplasm} / cytoplasmic streaming / transport of suitable named molecules e.g. minerals, water, glucose, amino acids, proteins, RNA (1) 	<p>allow ECF for pits, cell wall and middle lamella only</p> <p>pits</p> <ul style="list-style-type: none"> • communication between / connects (connected) cells • therefore transport of suitable named molecules <p>cell wall</p> <ul style="list-style-type: none"> • (sieve like network made of) cellulose fibres support the cell • therefore helps retain rigid structure / prevent cell lysis <p>middle lamella</p> <ul style="list-style-type: none"> • joins (adjacent) cell (walls) together • therefore increases {strength / stability} of {plant / cell (wall)} 	(2)