

Preparation of Solutions:

S.No.	Concentration of sucrose solution	Volume of 1M sucrose solution	Volume of distill water
1.	0.3M solution	3.0ml	7.0ml
2.	0.4M solution	4.0ml	6.0ml
3.	0.5M solution	5.0ml	5.0ml
4.	0.6M solution	6.0ml	4.0ml
5.	1.0M solution	10ml	0.0ml

Observation:

Concentration of solution	No. of plasmolysed cells	% of plasmolysed cells
		$\frac{\text{No. of plasmolysed cells}}{\text{No. of cells observed}} \times 100$
0.3M solution		
0.4M solution		
0.5M solution		
0.6M solution		
1M solution		