

CH 4 NOTES #4 OSMOTIC SOLUTIONS

AKA: Tonic solutions

Our cells are always in a solution

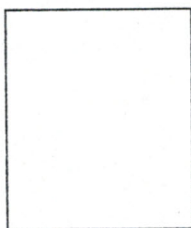
Vocabulary:

_____ material that gets dissolved

_____ liquid that does the dissolving
• Main solvent is water

_____ mixture of solvents and solutes
• Our cells are in a solution!

LABEL

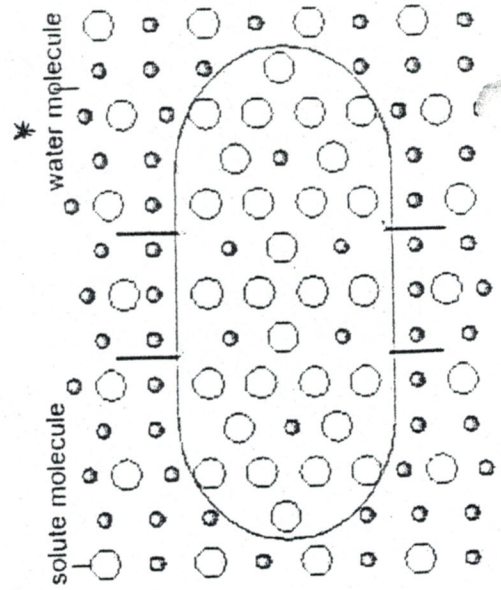


Osmosis is of great importance in biological processes where the solvent is water. Since the human body is around 65% water, it is very important for homeostasis in our body.

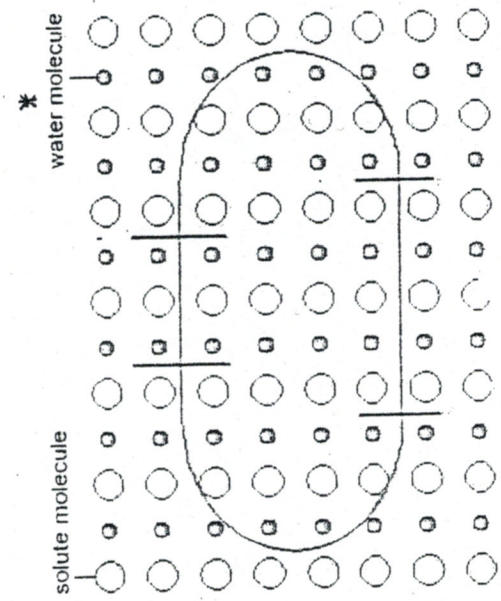
3 TYPES of OSMOTIC SOLUTIONS THAT OUR CELLS CAN BE IN:

1. _____
2. _____
3. _____

HYPOTONIC



ISOTONIC



HYPERTONIC

