OSMOSIS QUESTIONS

1) Over the 90 minute period, what distance did the column of sugar move?

2) Which term is used to describe the tonicity of the distilled water?
   (Hypotonic or Hypertonic)

3) Explain why the sugar solution rises in the thistle tube over time.

4) Explain why the diffusion rate of water changed over the 90 minute period of time.

5) We began the experiment by pouring a 20% sucrose solution into the thistle tube. Describe what the makeup of the sucrose solution probably is after the 90 minute period. (More or less than 20%).

6) Describe why this change in sucrose % has changed.

7) From the knowledge you have gained, explain why it is not a good idea to drink salt water when you are thirsty.