**Cell Membranes**

**Science 10 Name:**

**Definitions:**

Permeable

Semipermeable

Diffusion

Osmosis

**Part A Part B**

**Lab Set-up Drawing**

**Observations**

**Questions:**

1. Name the two different molecules that were **in solution** in your beaker

2. In Part A, which molecule moved, and which way did it move?

3. In Part B, which molecule moved, and which way did it move?

4. Does this molecule move by diffusion or by osmosis? Explain your answer.

5. Is the dialysis tubing a semipermeable membrane (as opposed to being totally permeable or impermeable)? Explain your answer clearly.

6. Why do you think only one of the molecules in solution moved across the dialysis tubing membrane and the other one didn’t?