Osmosis/Diffusion Worksheet
Biology I

1. What is osmosis?

2. What would happen to a saltwater fish and its cells if you put it into a freshwater aquarium?

3. What is diffusion?

4. Your dad is preparing a vegetable tray for a party. He discovers that the celery in the refrigerator is no longer crisp. How could your dad make the celery crispy? How do you know this?

5. What is facilitated diffusion?

6. In terms of osmosis and diffusion, explain what happens when you place a bag of tea in a cup of hot water.

7. Draw a diagram of the following:
    a. Hypertonic solution

    b. Hypotonic solution

    c. Isotonic solution