**CELL TRANSPORT TEST REVIEW**

1. Define diffusion and osmosis and be able to apply them to examples
2. What is able to diffuse through a cell membrane and what is not?
3. What does selectively permeable mean?
4. How is active transport different from passive transport?
5. What is the difference between phagocytosis and exocytosis?
6. Compare and contrast isotonic, hypertonic, and hypotonic solutions.
7. What happens to plants when they lose water? Gain water?
8. Know that a solute is what is dissolved (like salt) in a water solution.
9. What is the cell membrane made of? Why is it important?
10. Cell organelle functions (only):
    1. Cell/plasma membrane
    2. Vacuole
    3. Cell wall
    4. Cytoplasm
    5. Lysosomes
    6. Golgi Apparatus
11. Be able to explain how the various organelles listed above interact with each other.