Review Sheet for Lecture Test #2A

- What is hyper, hypo, and isotonic solutions, crenation and lyse
- Know the difference between hydrophilic and hydrophobic
- What is found in the plasma membrane
- Name the types of cell junctions
- Differentiate between DNA and RNA
- What is the glycocalyx
- Name the key organelles and be able to list key functions in a cell
- Be able to work with the term fluid-mosaic
- Cytoskeletal components like Cilia, flagella, actin, and whether they are microtubules, myofilaments or intermediate filaments
- What is the importance of water
- What is osmosis, diffusion, filtration, facilitated, active
- Differentiate between passive vs. active transport
- Endocytosis vs exocytosis
- Phagocytosis vs. pincytosis