Bio Cell Transport Study Guide

1. List the four types of cell transport mechanisms
2. list the mechanisms that require energy and do not require energy
3. list the type of molecules each mechanism is used for
4. list examples of each molecule the different mechanisms transport
5. list the four factors of diffusion rate
6. describe the difference between diffusion and facilitated diffusion
7. describe the difference between the types of proteins
8. describe the difference between the three types of tonicity
9. explain what is happening to the cell with plasmolysis and cytolysis and which cells it happens to
10. explain the difference between endocytosis, exocytosis, phagocytosis, and pinocytosis
11. list all the names for the cell membrane
12. draw and summarize the chart
13. define selectively permeable
14. compare and contrast active and passive transport
15. explain which way molecules will move for each mechanism
16. explain what polarity has to do with permeability