**Unit 7 Study Guide**

Write at least 1 page on the information below.

1. Know how to name and give the formulas for binary and ternary acids.
2. Know what polarity is and how to determine the difference between the polarities of different solutions.
3. Know what electrolytes are and how to determine the effectiveness of several different solutions.
4. Know what a buffer is and how to determine if it is acidic resisting or basic resisting.
5. Know what oxidation and reduction is. Know what the oxidizing agent is and the reducing agent is.
6. Know what the freezing point of a substance is and how to determine it. Know what a freezing point depression is.
7. Know what polymers are and how they are classified. Be able to give examples of the different classifications of polymers.
8. Know what reaction rate is and how it is effected by temperature and concentration (Molarity).