**Chemistry Final Study Guide**

Give examples and definitions for each concept

***Chapter 7,8,9***

Electron-dot structure

Formation of an ionic compound using electron dot structures

Polyatomic ions

Naming Acids (Handout)

Naming Ionic compounds (Handout)

Metallic Bonding

Important alloys (Table in book)

Formation of covalent bonds VSEPR Model (Handout)

Calculation for bonds and structure

Naming of covalent bonds

Resonance structures

Exception to octet rule

Odd number pairs

Expanded octet

Shrinked octet

Polarity

***Chapter 10,11,12***

Balancing Equations

Indicators of a chemical rxn

5 types of rxns

Avogadro’s number conversion

Mole to Liter

Mole to mass

Mole to RP

Mole ratio conversion

Stiochiometric Calculations (using mole ratios)

Limiting and Excess Reagents

% composition

% yield

Empirical formula/Molecular formula

 Have a great BREAK!!