Chemistry Syllabus #7

**Chapter 7**

**Vocabulary**

Ionic bond Lewis Structure

Covalent bond unshared (non-bonding) pair

Octet rule polar

Non-polar double bond

Triple bond

**Questions**

Pg 252 #’s 3,5,15,22,25

**Chapter 8**

**Questions**

Pg 1276 #’s 1,2,10,25

**Chapter 16**

**Vocabulary**

Reversible reaction equilibrium

Equilibrium constant equilibrium expression

LeChatelier’s principle Law of mass action

**Questions**

Pg 558 #’s 2,4,7,9,10,11,12,13,15,18,21

**Chapter 15**

**Vocabulary**

solution solute

solvent soluble

insoluble concentration

molarity saturated

super-saturated unsaturated

hydration solubility

**Questions**

Pg 532 #’s 1,3,6,7,9,10,11,12,13,14,17,20

**Chapter 18**

**Vocabulary**

Acid Base

Indicator neutralization

Hydronium ion amphoteric

Conjugate acid conjugate base

Acid dissociation constant

**Questions**

Pg 622 #’s 1,2,3,4,5,17,18,23

**Chapter 19**

**Vocabulary**

pH titration

equivalence point endpoint

titration curve

**Questions**

Pg 645 #’s 5,12,13,18,19,20