

LECTURE 20
LEWIS and BRØNSTED ACID-BASE CONCEPTS

I. Lewis and Brønsted Acid-Base Concepts

- A. Lewis acids – effect of fluorination
- B. Sulfurous Acid vs. Sulfuric Acid
- C. Formation of hydronium ion

II. Acid-Base Equilibrium Calculations

- A. Acidity constant, K_a
- B. Initial concentration
- C. Concentration change
- D. Equilibrium concentration