**Chemistry 11**

**Unit 2 Test – Study Guide**

**A. Vocabulary:**

* element
* atom
* molecule
* ion
* particle
* homogeneous
* heterogeneous
* pure substance
* mixture
* mechanical mixture
* solution
* Avogadro
* Gay-Lussac
* diatomic

**B. Separation of Substances (Reference Hebden pg. 53 – 59), Lab 2.4**

* hand separation
* filtration
* evaporation
* distillation
* solvent extraction
* recrystallization
* gravity separation
* chromatography

**C. Percent Composition** (Problem Set 2.1, Lab 2.1)

**D. Multiple Proportions** (Problem Set 2.1b and Lab 2.2)

**D. Gas Volumes** (Problem Set 2.2)

**E. Relative Mass** (Problem Set 2.3)

**F. The Mole** (Reference Problem Set 2.4 and class notes)