**Homework #3: Chemistry 1013 Spring 2012**

**Due Wednesday 8 February in class 17 pts**

1. Problem 4, page 119 of text *1 pt*
2. Problem 14 (both molecules), page 120 of text *2 pts*
3. Draw the electron dot structure for: (see pp 100-106) *2 pts each*





1. CHF2Cl b) ethanol c) acetic anhydride

1. Draw the electron dot structure for : (2 pts each)
2. Cl2 b) O2 c) N2
3. What are two physical properties that differ sharply between salt/mineral compounds and organic compounds and why are they so different between these material classes ?

(2 pts)