**Topics Covalent Compound Test Makeup**

1. Explain why covalent compounds have much lower melting points than ionic compounds. (5 pt)
2. Explain why polar compounds have higher melting points than nonpolar compounds. (5 pt)
3. List three things that are made of covalent compounds and explain your reason for choosing each. (6 pt)
4. Why is the surface tension of a nonpolar compound much lower than that of a polar compound? (5 pt)
5. Define the following terms (3 pt each):

* Molecule
* Polar:
* Vapor pressure:

7) Why do I keep describing covalent compounds as being like Tylenol capsules? (5 pt)