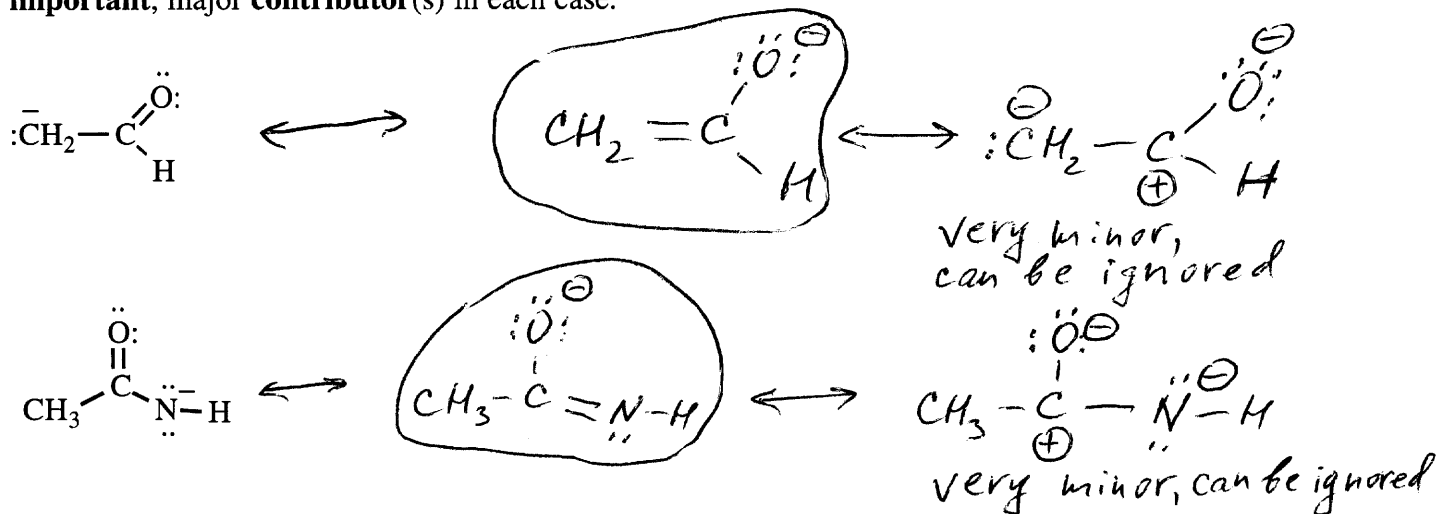


Chemistry 2521; Fall 1999; Sample Quiz 1 (25pts)

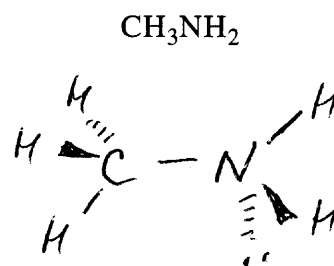
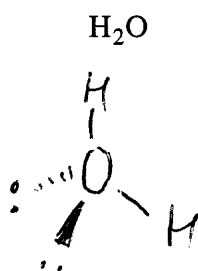
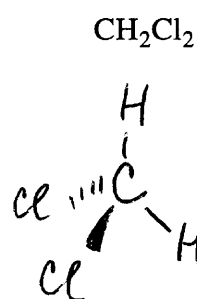
Printed Name (Last, First) _____

Key

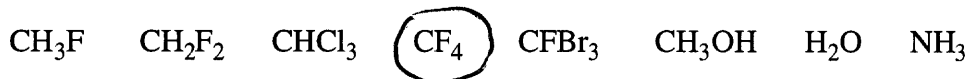
1. (10) Draw the reasonable **resonance contributors** for each of the following species. **Circle the most important, major contributor(s)** in each case.



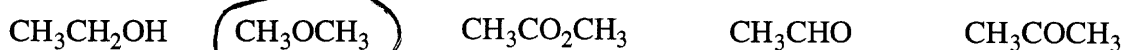
2. (6) Draw each of the following species in **three dimensions**:



3. (3) Circle the structure of the compound that has **dipole moment $\mu = 0$ D**:



4. (3) Circle the structure of the compound that has the functional group of an **ether**:



5. (3) Circle the structure of the **ionic** compound:

