

Name: _____

Organic I Lecture

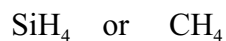
Spring 2010

Quiz #1

(10 points)

1. Convert $\text{NCCH}_2\text{COCH}_2\text{CHO}$ to a line-angle structure. (3 points, problem 1-27b)

2. Circle the stronger acid. (1point)



3. Which of the following sequences ranks the following compounds in order of increasing molecular dipole moment? (3 points)

1) HCl 2) BCl_3 3) CH_2Cl_2

a) $1 < 2 < 3$ b) $2 < 3 < 1$ c) $3 < 1 < 2$ d) $3 < 2 < 1$ e) $2 < 1 < 3$ f) $1 < 3 < 2$

4. Circle all resonance structures of the boxed structure below. (3 points)

