Name:_____

Organic II Lecture Spring 2013 Quiz #5 (10 points)

1. Provide an IUPAC name for the following structure. (3 points)

2. Complete the following reaction by filling in the missing reagents. (4 points, problem 18-51a)

acetaldehyde
$$\frac{1)}{2)}$$
 lactic acid $\mathrm{CH_3CH}(\mathrm{OH})\mathrm{CO_2H}$

3. Predict the structure of the expected product(s) of the reaction below. (3 points)