Name:_____

Organic II Lecture Spring 2011 Quiz #5 (10 points)

1. Provide a common name for the compound below. (2 points)

2. Show how you would complete the following synthesis. (3 points, problem 18-21b)

cyclopentane carbaldehyde ______ 2-cyclopentyl-2-hydroxyacetic acid

3. Provide a structure for the expected product of the reaction below. (3 points)

4. Draw a structure for the necessary starting material of the following reaction. (2 points)