Lab quiz 2: Organic Chem II Chem 4524 7 Feb 2017

Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_/3

**1) Today we will run the following reaction:**

a) Br2 + trans-carbonic acid b) HBr and trans-cinchona acid

c) Br2 + trans-cinnamic acid d) HBr and malonic acid

**2) The products of today’s reaction will be:**

a) meso structures b) composed of either Erythro or Threo compounds

c) both cis and trans d) optically inactive

**3) What measurement will allow us to determine the pathway taken by our reactants to products ?**

a) refractive index b) optical rotation

c) IR d) melting point