

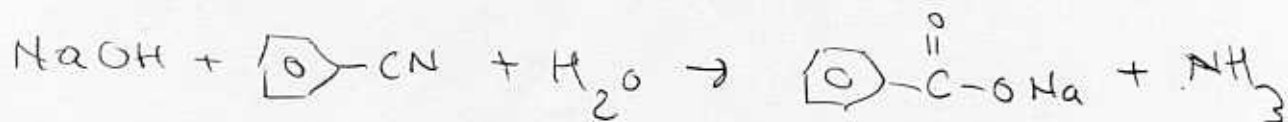
Quiz 10 Chem 233-01

Your name KEY

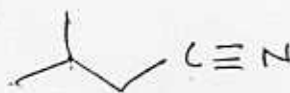
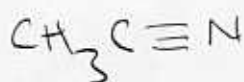
4/6/09

Student ID# \_\_\_\_\_

1. Show a balanced equation for the reaction of benzonitrile and aqueous sodium hydroxide to sodium benzoate! (6 pts)

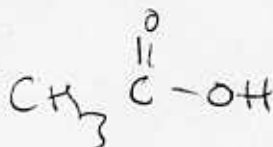


2. Show valid structural formulas for the following compounds: a) acetonitrile, b) 3-methylbutanenitrile! (4 pts)

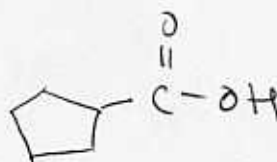


3. Show structural formulas for the carboxylic acids do you expect to obtain when you hydrolyze:

a. Acetanilide (2 pts)



b. cyclopentane carbonitrile (2 pts)



4. Name the compound we will prepare today! (2 pts)

di benzal acetone