Assignment #4

Organic 211 Fall 2020

Name:			
Name.			

1) Draw 4 compounds that are esters and that have the molecular formula C₅H₈O₂.

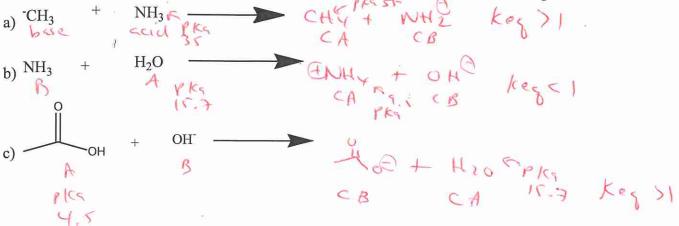
2) Draw a single molecule that contains an ether, carboxylic acid, amide, and thiol.

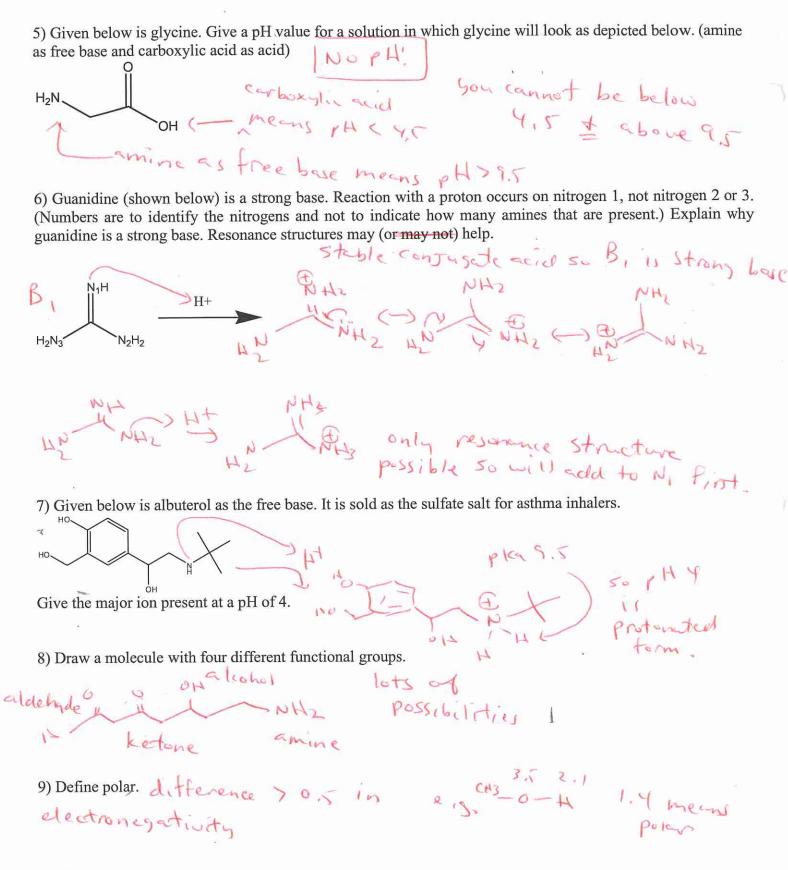
(5-H12 Ce H)

3) Put the following compound in order from most acidic (= 1) to least acidic (= 5).

possibilities

4) For the following three Bronsted/Lowry reactions, draw the products and specify whether the equilibrium lies towards the reactants (Keq < 1) or products (Keq >1). Indicate also if no reaction is possible.





- 10) Which is the stronger base in each of the following pairs?
- a) Sodium ethoxide (NaOCH₂CH₃) or sodium amide (NaNH₂)

