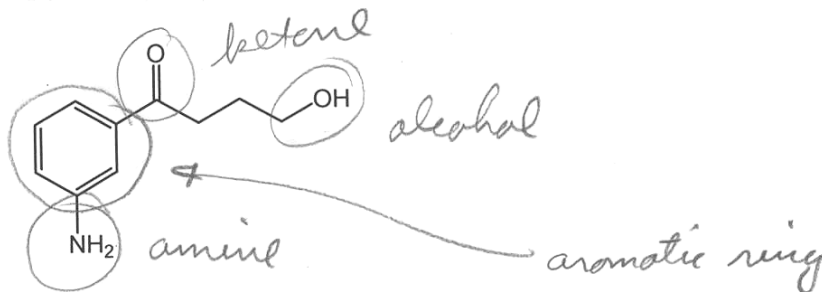


Quiz 2 (50 points)

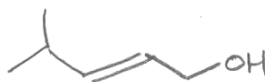
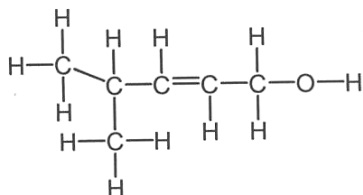
Name Key

1. For the molecule below circle and name the functional group.



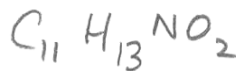
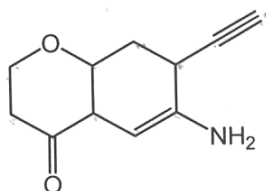
2. Draw a bond-line structure for the following compound.

(10 points)



3. What is the molecular formula for the following compound?

(10 points)



4. Show, using electron-pushing, all of the *reasonable* resonance forms for the following structure. Circle the *major* resonance form and explain why it's most important.

(20 points)



- all structures have octets for all atoms, but the one with the \ominus on oxygen is preferred since oxygen is more electronegative