You should be able to identify each of the following functional groups within organic molecules:
amino group within an **amine** molecule (both the form found at low pH and high pH)
carbonyl group within an **aldehyde** molecule (you need to know it is within an aldehyde vs a ketone)
carbonyl group within a **ketone** molecule (you need to know it is within a ketone vs an aldehyde)
carboxyl group within a **carboxylic acid** (both the form found at low pH and high pH)
ester group within an **ester** molecule
hydroxyl group within an **alcohol** molecule
phosphate group within a **phosphate** molecule
sulfhydryl group within s **thiol** molecule