Page 5

5A. (8 pts) Which is the more acidic proton ( $H_A$  or  $H_B$ )? In other words, which is the <u>stronger</u> acid, **A** or **B**? **Explain, using drawings as appropriate.** 

$$\mathbf{A}$$
  $\mathbf{B}$   $\mathbf{C}\mathbf{H}_{2}-\mathbf{C}\mathbf{H}_{2}-\mathbf{O}-\mathbf{H}_{A}$   $\mathbf{B}$ 

5B. (8 pts) Which is the more acidic proton (H<sub>A</sub> or H<sub>B</sub>)? Explain, using drawings as appropriate.