## Chem 41c Quiz 5 <br> Stoltz, Spring 2011

May 13, 2011
Due May 18, 2011 9:00 AM
You have 30 min to take this quiz. It is closed note, closed book, and no collaboration is allowed. Please do not discuss the quiz with anyone until you receive it back graded. Place a box around your answers. There is no partial credit. The quiz is worth 25 out of 20 points.

Name $\qquad$

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Predict the products of each reaction. (5 points each)
1.


2.



3.


4.



5. Provide a plausible mechanism for the following transformation (TA's will give partial credit).


Curtius mechanism then enamine hydrolysis.


