

Chemistry 220b, Section 1

Quiz 4 (25 pts)

Thursday, April, 14, 2011

Chapter 17-19, 22

Name _____

Write and sign the VU Honor Pledge:

signature

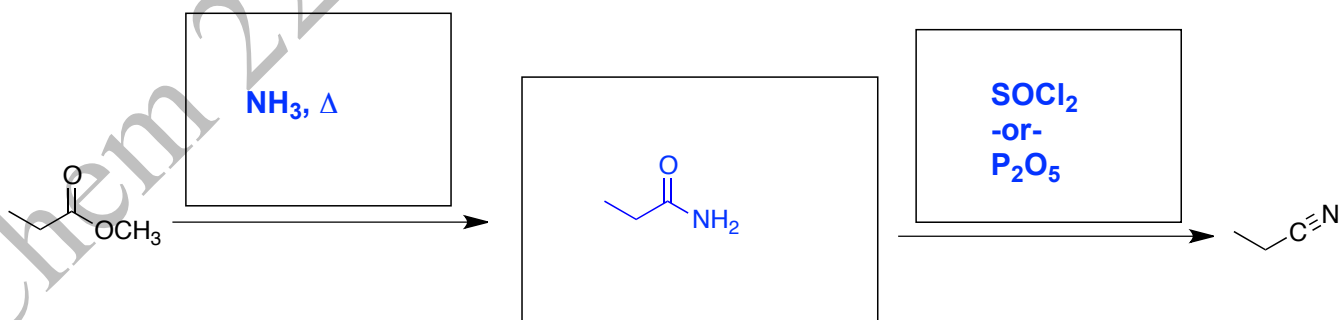
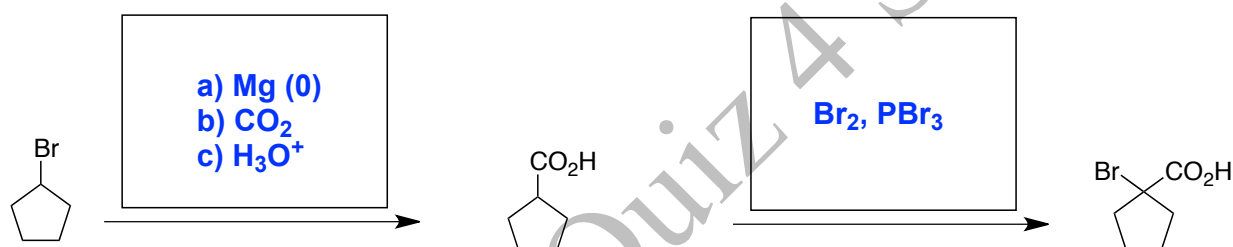
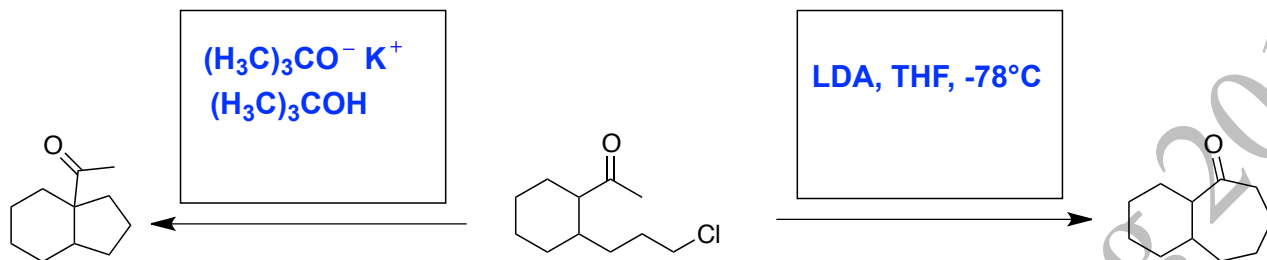
This Quiz is closed book and closed notes

NOTE: It is difficult for me to give you partial credit if you do not show your work!

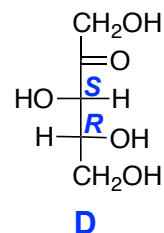
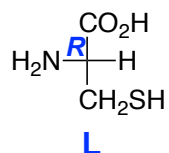
Neatness counts

Good Luck !!

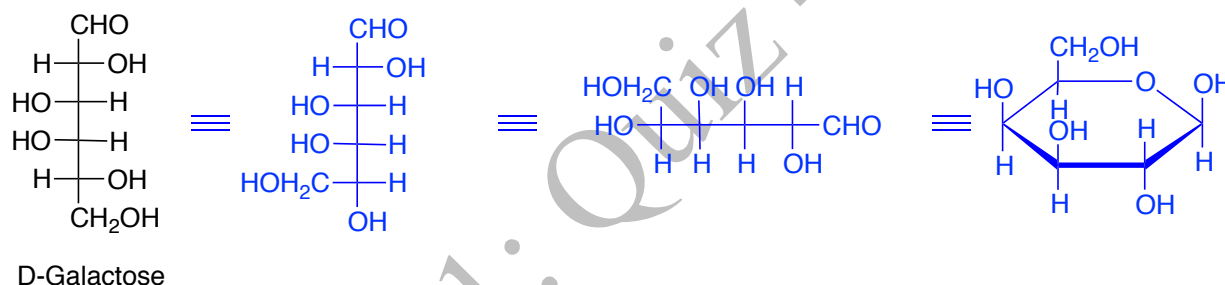
1. Fill in all necessary reagents, intermediates, and/or products. (14 pts)



2. Determine the absolute stereochemical configuration (*R/S*) of each stereocenter of the following Fischer projections *and* designate the compounds as either D or L. (8 pts)



3. Convert the Fischer projection of D-galactose into its β -pyranose Haworth projection. (3 pts).



Problem 1: _____ (14 pts)

2: _____ (8 pts)

3: _____ (3 pts)

Total out of 25: _____