Organic Chemistry I (CHEM 340) Spring 2016 Dr. Hahn 3/2 W MWF 8 am Quiz III Exam #
Print Name BA = bad attlant
Please show work on all questions for partial credit even on questions which do not specify. (25 total pts)
1. For the molecule 3-methyloctane, draw the most stable Newman projection formula from the 4 in front towards the 3 carbon in the back. (7 pts)
CH, CH-CH-CH2-CH2-CH2-CH2-CH2-CH2-CH2-CH2-CH
(the hot most stable - 2)
2. For the given "original" molecule CAY (hot Staggened -1)
a. Draw a mirror image using wedge dash line drawing (6 pts)
0-H CH2 CH2 CW (40-C-C-C-C-W)
original molecule a minror image 3D (wedge-dash-line) MOT
b. Draw a Fisher projection formula of an Enantiomer of the Fisher in part (b) (6 pts)
Who cher each wrong the Catheren 3
Extra Credit: (2 pts) Assign priority (a) for highest priority (d) for lowest priority for the following
Extra Credit: (2 pts) Assign priority (a) for highest priority (a) for highest priority (a) for highest priority (b) for highest priority (c) for highest priority (d) for
- Epst esth letter
(-Zost soll sures)

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Name Print Name
Please show work of all questions for partial credit even on questions which do not specify. (25 total pts
1. For the molecule 3-methyloctane, draw the most stable Newman projection formula from the 4 in front towards the 3 carbon in the back. (7 pts) CH3-CH4-CH2-CH2-CH2-CH2-CH3-CH3-CH3-CH3-CH3-CH3-CH3-CH3-CH3-CH3
2. For the given "original" molecule
a. Draw a mirror image using wedge dash line drawing (6 pts)
original molecule a mirror image 3D (wedge-dash-line)
b. Draw a Fisher projection formula of the original molecule above. (6 pts)
O OH tothers O'TO O'TO
Extra Credit: (2 pts) Assign priority (a) for highest priority (d) for lowest priority for the following things attached to a chiral carbon. (show "ghost" atoms as appropriate)
A H Q O-H D H-H

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lease show work on all questions for partial cre	edit even on questions which do not specify. (25 total pts
	the most stable Newman projection formula from the 4 is
THE CHECK CHECKET	
CH ₂ -CH ₂ -CH ₂ -CH ₂ -CH ₂ -CH ₃ CH ₃	
2. For the given "original" molecule	
. Draw a mirror image using wedge dash	line drawing (6 pts)
O—H	
H ''''	
H. O	
H	
original molecule	a mirror image 3D (wedge-dash-line)
b. Draw a Fisher projection formula of the original molecule above. (6 pts)	c. Draw a Fisher projection formula of an Enantiomer of the Fisher in part (b) (6 pts)
if the original molecule above. (o pa)	
b	c
Extra Credit: (2 pts) Assign priority (a) for	highest priority (d) for lowest priority for the following
things attached to a chiral carbon. (show "gh	ost" atoms as appropriate)
	У—Н У—С—Н — — — — — — — Н