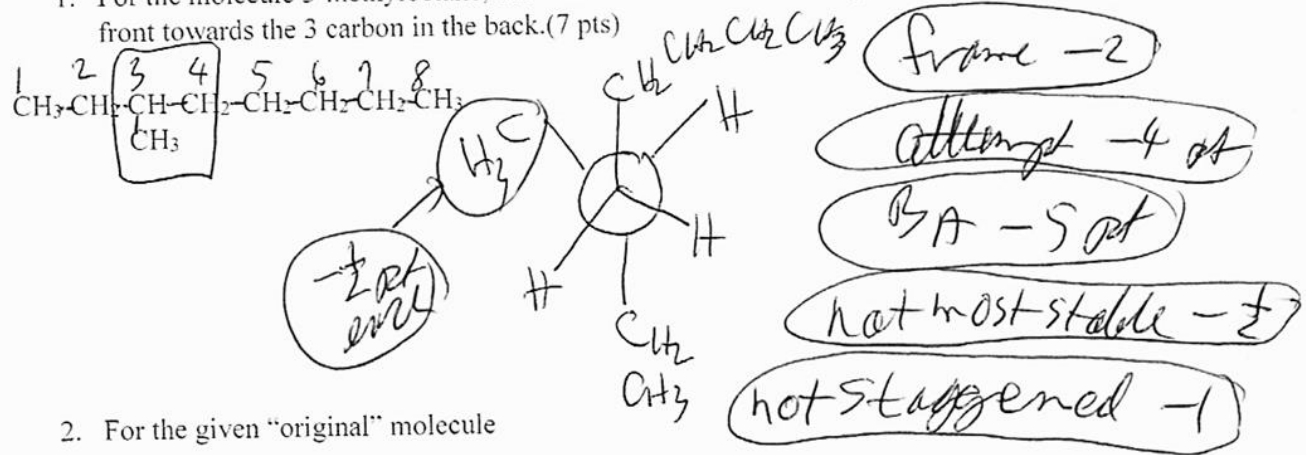


Name Key Print Name BA = bad attempt

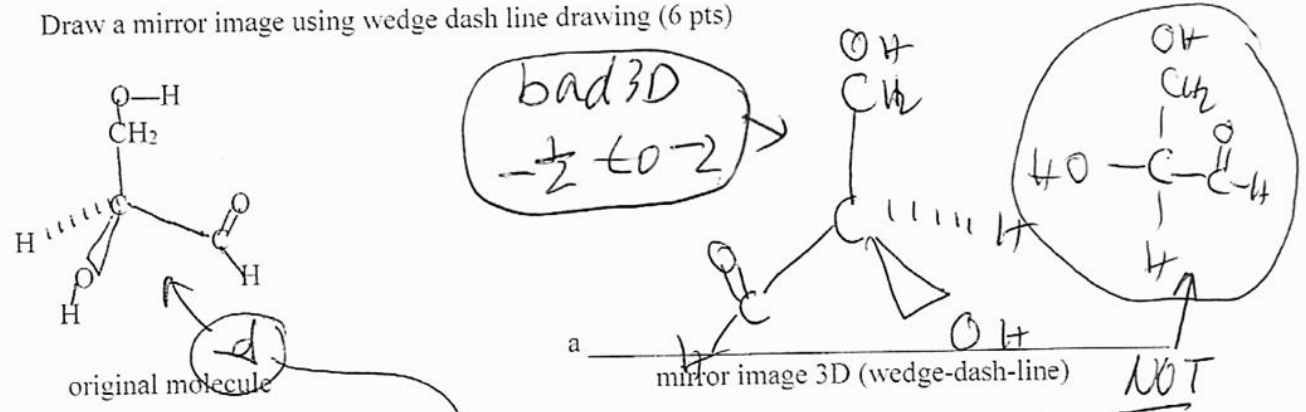
Please show work on all questions for partial credit even on questions which do not specify. (25 total pts)

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)

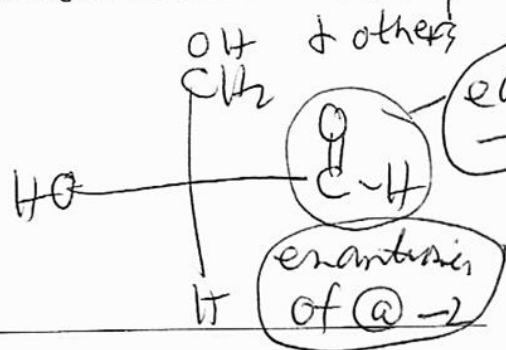


2. For the given "original" molecule

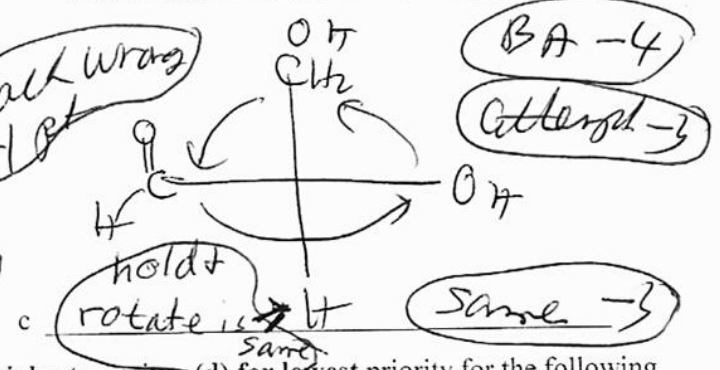
a. Draw a mirror image using wedge dash line drawing (6 pts)



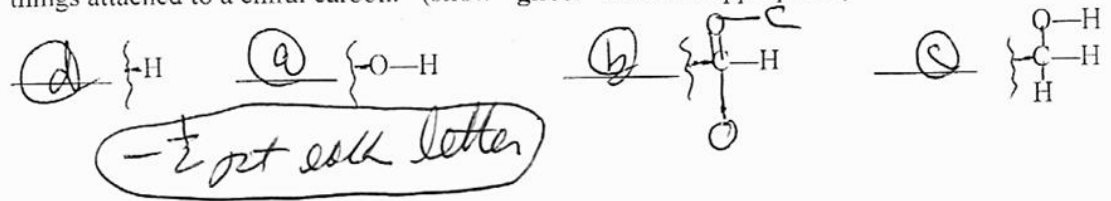
b. Draw a Fisher projection formula of the original molecule above. (6 pts)



c. Draw a Fisher projection formula of an Enantiomer of the Fisher in part (b) (6 pts)



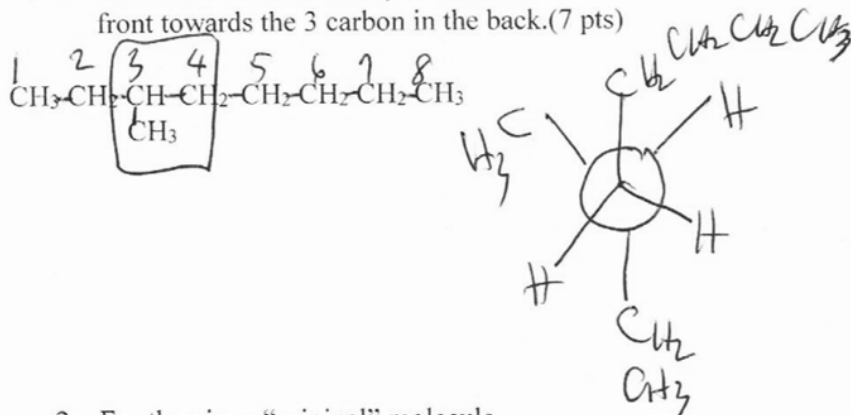
Extra Credit: (2 pts) Assign priority (a) for highest priority (d) for lowest priority for the following things attached to a chiral carbon. (show "ghost" atoms as appropriate)



Name Key Print Name _____

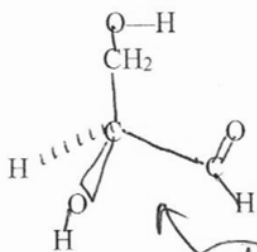
Please show work on all questions for partial credit even on questions which do not specify. (25 total pts)

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)

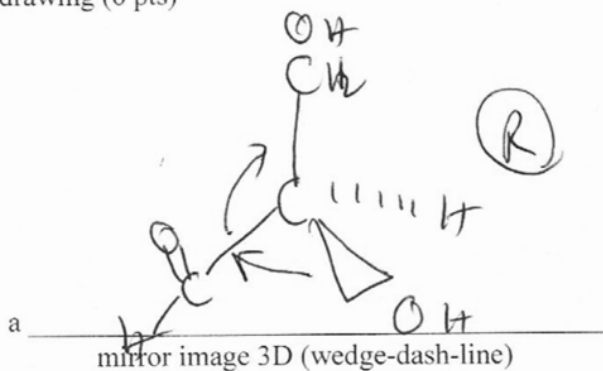


2. For the given "original" molecule

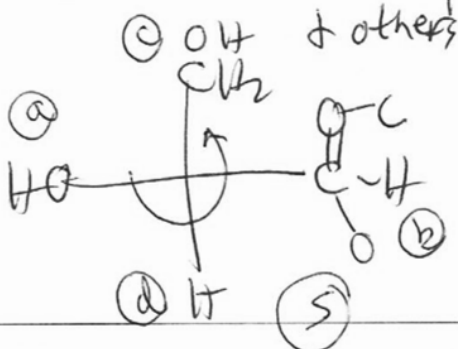
- a. Draw a mirror image using wedge dash line drawing (6 pts)



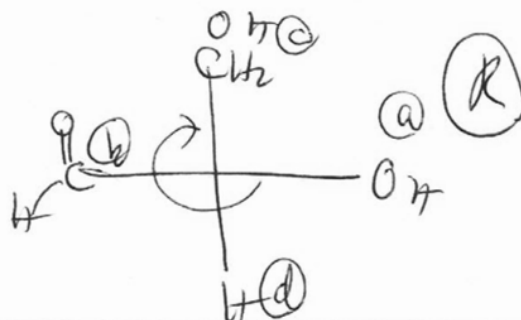
original molecule



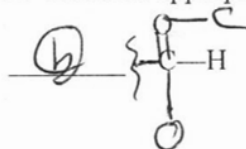
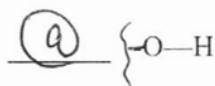
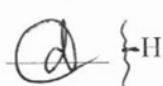
- b. Draw a Fisher projection formula of the original molecule above. (6 pts)



- c. Draw a Fisher projection formula of an Enantiomer of the Fisher in part (b) (6 pts)

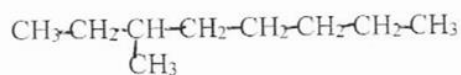


Extra Credit: (2 pts) Assign priority (a) for highest priority (d) for lowest priority for the following things attached to a chiral carbon. (show "ghost" atoms as appropriate)



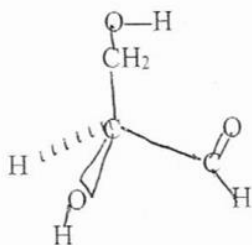
Name _____ Print Name _____
 Please show work on all questions for partial credit even on questions which do not specify. (25 total pts)

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)



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)

- c. Draw a Fisher projection formula of an Enantiomer of the Fisher in part (b) (6 pts)

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 "ghost" atoms as appropriate)

