

Department of Chemistry
University of Missouri-St. Louis

Name _____
Chem 6

November 10, 2000
Exam 3

1. (24 pts)

Draw structural formulas for each of the following compounds. Please indicate all the bonds to carbon.

a. 2,3,4-trimethylpentane

b. 3-methoxybenzene

c. cis 2-butene

d. cyclopentanone

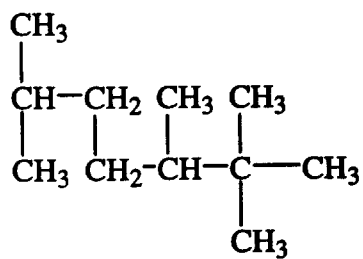
e. 2,3-dihydroxypropanal

f. 2-chloro-1,3-butadiene

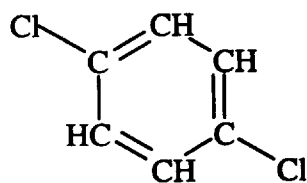
2. (24pts)

Name the following compounds.

a.



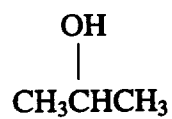
b.



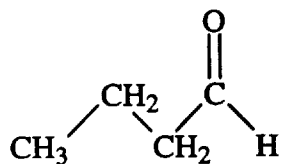
c.



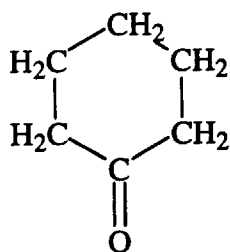
d.



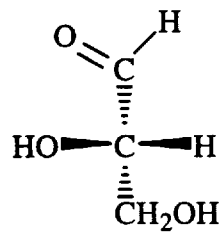
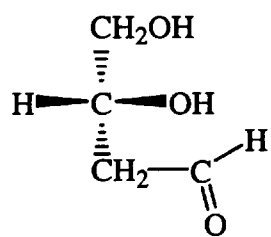
e.



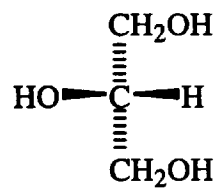
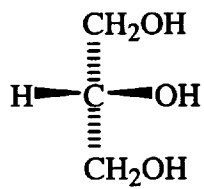
f.



b.



c



8. (4 pts) Draw the structure of a polymer and name it.