

Name: _____

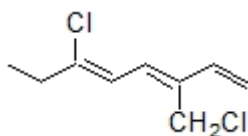
Organic I Lecture

Fall 2012

Quiz #6

(10 points)

1. Provide a correct IUPAC name for the following compound. Be sure to include correct indicators of stereochemistry. (3 points, problem 7-32f)



2. Label the following structure as stable or unstable. (1 point)



3. Which sequence ranks the following structures in order of increasing stability? (3 points)



1



2



3

- a) 1<2<3 b) 2<3<1 c) 3<1<2 d) 3<2<1 e) 2<1<3 f) 1<3<2

4. Circle all compounds below that would give 1-methylcyclohexene as the major dehydration product when treated with concentrated sulfuric acid and heat. (3 points)

