**07.03.2018 Org-Chemistry -230 Section # 3**

**CHAPTER 3**

**1.** a. Give the systematic name for the following compound.



b. How many primary carbons does it have? **3**

c. How many tertiary carbons does it have? **3**

**2.** Draw the conformers of ***trans*-1-tert-butyl-3-methylcyclohexane**. Which one the most stable?



**3.** List the following compounds in order of decreasing boiling point:



 A B C D

**C > B > A >D**

**Good Luck**