

Download Organic Chemistry 2 Final Exam Review

Answers

2 Name _____ CHEMISTRY 2423 Practice FINAL EXAM A DIRECTIONS: A periodic table is attached at the end of this exam. Please answer all questions as completely and clearly as possible, showing all your work.

Part I. Nomenclature and Structures (2 points each) 1. Final Exam for Organic II 200pts (Weighted as 300) Name _____ Good luck all round!

1) Identify the class of compounds each of the following molecules belong to (15pts).
ROH ROR ORC OHR C O O-H R C O O C O C R O O-R RCN R C O NR 2 C H N O

2) For each of the amides and amines state whether they are primary, secondary or tertiary (4pts). Organic Chemistry II 04/27/14

Group 1 1. Hexane and 3-methylpentane are examples of: A. Enantiomers B. Stereoisomers C. Diastereomers D. Constitutional Isomers E. None of these

2. What is the stereochemical relationship between (2R,3R,4R)-trichlorohexane and (2S,3S,4R)-trichlorohexane? 3.