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## ACS CHEMISTRY FINAL EXAM STUDY GUIDE

- milli (m) (m has 3 lines, upside down it's a w (win) so negative=loss):  $10^{-3}$
- micro (inappropriate joke, i don't want Quizlet to ban me lol):  $10^{-6}$
- nano:  $10^{-9}$
- pico (p):  $10^{-12}$
- mono: one, single, alone
- di: two
- tri: three (tricycle)
- tetra: four (tetrapod) - dogs, cats, vertebrae animals
- penta: five (pentagon)
- hexa: 6 (hexagon)
  
- hepta: 7 (heptagon)
- octa: 8 (octopus, stop)
- nona: 9 (no = neign in German)
- deca: 10 (decade = 10 years)
- molar mass: the mass of one mole of a pure substance
- molar ratio: ratio of coefficients in a chemical equation
- limiting reactant: A reactant that is totally consumed during a chemical reaction, limits the extent of the reaction, and determines the amount of product.
- percent composition: the percent by mass of each element in a compound
- molarity: the number of moles of solute per liter of solution
- percent yield:  $\text{actual yield/theoretical yield} \times 100$
- empirical formula: a chemical formula showing the ratio of elements in a compound rather than the total number of atoms
- molecular formula: A chemical formula that shows the number and kinds of atoms in a molecule, but not the arrangement of the atoms.
- gas laws: describe how the behavior of gases is affected by pressure, volume, and temperature

# Chemistry Final Exam Study Guide

**Raffaella Di Napoli**



## **Chemistry Final Exam Study Guide:**

*Crimes Against the English Language* , CliffsNotes AP Chemistry Bobrow Test Preparation Services,2009-02-09 The book itself contains chapter length subject reviews on every subject tested on the AP Chemistry exam as well as both sample multiple choice and free response questions at each chapter s end Two full length practice tests with detailed answer explanations are included in the book **Complete Book of Graduate Programs in the Arts and Sciences** Princeton Review (Firm),2004-09 Our Best 357 Colleges is the best selling college guide on the market because it is the voice of the students Now we let graduate students speak for themselves too in these brand new guides for selecting the ideal business law medical or arts and humanities graduate school It includes detailed profiles rankings based on student surveys like those made popular by our Best 357 Colleges guide as well as student quotes about classes professors the social scene and more Plus we cover the ins and outs of admissions and financial aid Each guide also includes an index of all schools with the most pertinent facts such as contact information And we ve topped it all off with our school says section where participating schools can talk back by providing their own profiles It s a whole new way to find the perfect match in a graduate school

**Directory of Distance Learning Opportunities** Modoc Press, Inc.,2003-02-28 This book provides an overview of current K 12 courses and programs offered in the United States as correspondence study or via such electronic delivery systems as satellite cable or the Internet The Directory includes over 6 000 courses offered by 154 institutions or distance learning consortium members Following an introduction that describes existing practices and delivery methods the Directory offers three indexes Subject Index of Courses Offered by Level Course Level Index Geographic Index All information was supplied by the institutions Entries include current contact information a description of the institution and the courses offered grade level and admission information tuition and fee information enrollment periods delivery information equipment requirements credit and grading information library services and accreditation Florida Schools ,1964 **Cliffs TASP Preparation Guide** Jerry Bobrow,2007-08-13 The CliffsTestPrep series offers full length practice exams that simulate the real tests proven test taking strategies to increase your chances at doing well and thorough review exercises to help fill in any knowledge gaps Cliffs TASP Preparation Guide can help you get ready for the Texas Academic Skills Program Since the TASP requires you to use some basic skills you may not have used recently thorough preparation is the key to doing your best This guide developed by test preparation experts and instructors contains materials techniques and strategies for taking the TASP that have been carefully researched and tested and are currently used in college and teachers association preparation programs throughout the country In this guide you ll find Two full length practice tests An overview of the different sections of the test Sample questions and English review and a writing sample Answers and complete explanations of all questions on the practice tests The TASP measures your abilities in three areas reading mathematics and writing This book will help you understand the different types of questions that appear in each section of the test giving you clear explanations of the

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