

## **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, vertebrate 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: actual yield/theoretical yield x 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

# 2nd Semester Chemistry Final Exam Study Guide

**University of Illinois at Urbana-Champaign. Student Senate**

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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 **Summaries of Studies in Agricultural Education** American Vocational Association. Agricultural Education Section, 1961 Iterations, II Russell Batt, John W. Moore, 1987

*The National Guide to Educational Credit for Training Programs* American Council on Education, 2005 Highlights over 6 000 educational programs offered by business labor unions schools training suppliers professional and voluntary associations and government agencies **Curriculum Materials for Trade and Industrial Education**, 1961 The 2002 Guide to the Evaluation of Educational Experiences in the Armed Services American Council on Education, 2002 Long considered to be the standard reference work in this area this three volume set describes more than 8 000 courses offered between January 1990 and the present by various service branches and the Department of Defense Long considered to be the standard reference work in this area this three volume set describes more than 8 000 courses offered between January 1990 and the present by various service branches and the Department of Defense Updated every two years University of Minnesota Bulletin, College of Engineering and the Mechanic Arts, 1898 Medical Education, Medical Colleges and the Regulation of the Practice of Medicine in the United States and Canada, 1765-1891 Illinois State Board of Health, John Henry Rauch, 1891

Official Report, of the Student Curriculum Evaluation Committee, 1968-1969 University of Virginia. College of Arts and Sciences. Student Curriculum Evaluation Committee, 1969 **Engineering Education**, 1984 **Announcements for Register of Alumni** University of Michigan. College of Pharmacy, 1893 **Vocational Education Bulletin** United States. Division of Vocational Education, 1961 Organic and Biochemistry for Today Spencer L. Seager, Michael R. Slabaugh, 1997 This alternate paperback edition is designed for professors who want to cover only the last 15 chapters of the main text Chemistry for Today General Organic and Biochemistry Third Edition All the ancillaries available to accompany the main text also accompany this Briefer Edition Science Books & Films, 1976 **The Advisor, Teacher-course Evaluation** University of Illinois at Urbana-Champaign. Student Senate, 1970 **Annual Catalogue** United States Air Force Academy, 1984 **The Advisor, Teacher-course Evaluation, 1970-71** University of Illinois at Urbana-Champaign. Student Senate, 1970 **The American Biology Teacher**, 1997 Vocational Division Bulletin, 1961 Report of the

Annual Meeting of the South African Association for the Advancement of Science ,1995

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