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Chemistry Morton Publishing Company

The author is an Honors Chemistry graduate of Princeton University and Environmental Toxicology graduate of Concordia University. He runs a tutoring business in Canada since 1993 and is a longstanding contributor to community organizations as a popular educator and radio journalist. -> Holy Holmium is fun and organized, explains all ideas and terms in full depth, gives exam-type problems and solutions, and connects chemistry to real life. It is money-back guaranteed. --> Sample reviews from students: "My exam went incredibly well. I enjoy chemistry now. I understand what I'm doing and why." - Anne W.; "A source of relief when on the verge of extreme frustration and despair with class." - Tara M.; "An excellent learning experience that helped me improve my study habits." - Matthew K.; "I gained the confidence I needed." - Jane B. (more inside!)

European Science Notes Princeton Review

Emphasises on contemporary applications and an intuitive problem-solving approach that helps students discover the exciting potential of chemical science. This book incorporates fresh applications from the three major areas of modern research: materials, environmental chemistry, and biological science.

Well-Organized, Neat, Hand-Written General Chemistry Notes: Written by a Chemistry Professor! Princeton Review

Beginning Oct. 1959 some issues include "Russian supplement."

A Weekly Record of Pharmacy and Allied Sciences CreateSpace

The Algebra of Organic Synthesis combines the aims, philosophies, and efforts involved in organic synthesis, reaction optimization, and green chemistry with techniques for determining quantitatively just how "green" synthesis plans are. It provides the first complete quantitative description of synthesis strategy analysis in the context of green ch

Chemistry 2e Princeton University Press

General Chemistry NotesWell-Organized, Neat, Hand-Written General Chemistry Notes: Written by a Chemistry Professor!CreateSpace

The Periodic Table General Chemistry NotesWell-Organized, Neat, Hand-Written General Chemistry Notes: Written by a Chemistry Professor!

This laboratory manual is intended for a two-semester general chemistry course. The procedures are written with the goal of simplifying a complicated and often challenging subject for students by applying concepts to everyday life. This lab manual covers topics such as composition of compounds, reactivity, stoichiometry, limiting reactants, gas laws, calorimetry, periodic trends, molecular structure, spectroscopy, kinetics, equilibria, thermodynamics, electrochemistry, intermolecular forces, solutions, and coordination complexes. By the end of this course, you should have a solid understanding of the basic concepts of chemistry, which will give you confidence as you embark on your career in science.

Pharmaceutical Journal CRC Press

A general chemical kinetics program is described for complex, homogeneous ideal-gas reactions in any chemical system. Its main features are flexibility and convenience in treating many different reaction conditions. The program solves numerically the differential equations describing complex reaction in either a static system or one-dimensional inviscid flow. Applications include ignition and combustion, shock wave reactions, and general reactions in a flowing or static system. An implicit numerical solution method is used which works efficiently for the extreme conditions of a very slow or a very fast reaction. The theory is described, and the computer program and users' manual are

included.

Green Metrics, Design Strategy, Route Selection, and Optimization Princeton Review

"3 full-length online practice tests"--Cover.

How to Succeed in Organic Chemistry Xlibris Corporation

Proceedings of the Society are included in v. 1-59, 1879-1937.

NASA Technical Note John Wiley & Sons Incorporated

Vols. for 1911-13 contain the Proceedings of the Helminthological Society of Washington, ISSN 0018-0120, 1st-15th meeting.

MCAT General Chemistry Review, 3rd Edition Princeton Review

Everything you need to know for a high score. Includes specific strategies for tackling every question type; a full-color, 16-page tear-out reference guide with all the most important formulas, diagrams, information, concepts, and charts for each section of the MCAT; detailed coverage of MCAT 2015 basics; a comprehensive index.

University Record Oxford University Press

The periodic table is one of the most potent icons in science. It lies at the core of chemistry and embodies the most fundamental principles of the field. The one definitive text on the development of the periodic table by van Spronsen (1969), has been out of print for a considerable time. The present book provides a successor to van Spronsen, but goes further in giving an evaluation of the extent to which modern physics has, or has not, explained the periodic system. The book is written in a lively style to appeal to experts and interested lay-persons alike. The Periodic Table begins with an overview of the importance of the periodic table and of the elements and it examines the manner in which the term 'element' has been interpreted by chemists and philosophers. The book then turns to a systematic account of the early developments that led to the classification of the elements including the work of Lavoisier, Boyle and Dalton and Cannizzaro. The precursors to the periodic system, like Döbereiner and Gmelin, are discussed. In chapter 3 the discovery of the periodic system by six independent scientists is examined in detail. Two chapters are devoted to the discoveries of Mendeleev, the leading discoverer, including his predictions of new elements and his accommodation of already existing elements. Chapters 6 and 7 consider the impact of physics including the discoveries of radioactivity and isotopy and successive theories of the electron including Bohr's quantum theoretical approach. Chapter 8 discusses the response to the new physical theories by chemists such as Lewis and Bury who were able to draw on detailed chemical knowledge to correct some of the early electronic configurations published by Bohr and others. Chapter 9 provides a critical analysis of the extent to which modern quantum mechanics is, or is not, able to explain the periodic system from first principles. Finally, chapter 10 considers the way that the elements evolved following the Big Bang and in the interior of stars. The book closes with an examination of further chemical aspects including lesser known trends within the periodic system such as the knight's move relationship and secondary periodicity, as well as attempts to explain such trends.

A Complete Catalogue ... Lulu.com

Publisher's Note: This eBook contains detailed color diagrams and art and is best viewed on tablets or other color-capable devices with zooming ability. We do not recommend this title for black-and-white E Ink devices. Get everything you need to ace the General Chemistry material on the updated MCAT exam! Designed specifically for students taking the longer, tougher exam debuting in 2015, The Princeton Review's MCAT GENERAL CHEMISTRY REVIEW features: Everything You Need to Know to Help Achieve a High Score: · Access to our online Student Tools portal for up-to-the-moment information on late-breaking AAMC changes to the exam · In-depth coverage of the challenging general chemistry topics on this important exam · Bulleted chapter summaries for quick review · Full-color illustrations, diagrams, and tables · An extensive glossary for handy reference · Strategic guidance and effective test-taking techniques More Practice Than Ever: · 3

full-length practice tests online · End-of-chapter practice questions · MCAT-style practice passages · Detailed answer explanations for every practice question In MCAT GENERAL CHEMISTRY REVIEW, you'll gain mastery of topics like: · MCAT 2015 Basics · Chemistry Fundamentals · Atomic Structure and Periodic Trends · Bonding and Intermolecular Forces · Thermodynamics · Phases · Gases · Kinetics · Equilibrium · Acids and Bases · Electrochemistry · MCAT Math for General Chemistry And more!

ARS Journal

The MCAT is a test of more than just the facts about basic physical and biological sciences—it's an in-depth, rigorous examination of your knowledge of scientific concepts and principles, as well as your critical-thinking and writing skills. With the Princeton Review's subject-specific MCAT series, you can focus your review on the MCAT topics that are most challenging to you. Each book in the series contains the most in-depth coverage of subjects tested on the MCAT. Each chapter in MCAT General Chemistry includes: · Full-color illustrations, charts, and diagrams · Examples of general chemistry questions and their solutions, worked out step by step · Chapter Review Quizzes and answers · A real, MCAT-style practice passage with questions and answers · Bulleted chapter summaries for quick review MCAT General Chemistry Review also includes: · A complete glossary of general chemistry terms · A general chemistry formula sheet

Science Books & Films

CollegeChemistryNotes.com offers "General Chemistry Notes" which is an all-in-one combined [lecture notes & textbook material] substitute that helps undergraduate general chemistry students instantly reduce their study time while increasing their lecture grade in the course."General Chemistry Notes" is the ONLY product written by actual chemistry professors that's designed to combine both a student's [lecture notes AND textbook materials] into one easy-to-read and easy-to-understand format. So STOP spending an hour per page trying to read your complicated textbook!Additionally, "General Chemistry Notes" removes the largest distraction that every student faces during lecture: taking notes. Our Notes are the only complete set of undergraduate General Chemistry notes proven to be so effective that it has been featured in academic magazines and presented at hundreds of science education seminars in the United States. Prior to its release and distribution, the contents of "General Chemistry Notes" were used exclusively by the contributing authors while they were teaching their own General Chemistry courses at some of the top universities in the country.The contributing professors of "General Chemistry Notes" noticed that regardless of which university they were teaching at, and regardless of which textbook they were using, their lecture notes never changed. This inspired the professors, members of the AFT and ACS, to develop and write "General Chemistry Notes." Now that the Notes are available to all undergraduate chemistry students, they are the only system of their kind to be labeled the "perfect companion to chemistry students who want perfect notes."FACT: 95 % of all General Chemistry courses and General Chemistry textbooks are the same!! This fact is exemplified by the thousands of chemistry students from hundreds of different colleges throughout the U.S. who have used our Notes to earn "A" grades in their General Chemistry courses. The enormous popularity of "General Chemistry Notes" would not be possible unless they were widely applicable to ANY undergraduate General Chemistry course and ANY college-level General Chemistry textbook. Go online and Google any university's General Chemistry course number (1st or 2nd semester - it doesn't matter) and examine the course syllabus. Invariably the syllabus will look almost identical to your own. This is why college transfer credit for General Chemistry is so freely granted to students who transfer from one educational institution to another.How quickly will YOU benefit from reading "General Chemistry Notes?" Our Notes instantly reduces the quantity of material that you must read, study, and learn by 34.7%. With years of chemistry teaching experience at the university level, the authors of "General Chemistry Notes" have been able to pinpoint exactly which material is essential and which material is completely irrelevant. An

average chapter in your textbook is 41.53 pages. The average "Section" in our Notes is only 14.41 pages (a reduction of 34.7%). And remember, those 14.41 pages include the topics and contents of both your textbook and your lecture notes combined into a highly optimized easy-to-understand format. Every major topic is covered in great detail while topics never seen on exams are omitted. One particular student was studying chemistry an average of 10 hours/week, or 160 hours/semester, before he received "General Chemistry Notes." Immediately after purchasing our Notes, he was able to reduce his chemistry study-time to 3.5 hours/week, or 56 hours/semester, while earning better scores on his quizzes and midterm exams. How much money would you pay to save yourself 6.5 hours of studying per week without sacrificing your grade? If time is money, you will earn back your investment in a matter of days. So "Stop Writing, We've Already Taken Your Notes!"

The Algebra of Organic Synthesis

NOTE: This edition features the same content as the traditional text in a convenient, three-hole-punched, loose-leaf version. Books a la Carte also offer a great value; this format costs significantly less than a new textbook. Before purchasing, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of MyLab(tm) and Mastering(tm) platforms exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a Course ID, provided by your instructor, to register for and use MyLab and Mastering products. For courses in two-semester general chemistry. Accurate, data-driven authorship with expanded interactivity leads to greater

student engagement. Unrivaled problem sets, notable scientific accuracy and currency, and remarkable clarity have made Chemistry: The Central Science the leading general chemistry text for more than a decade. Trusted, innovative, and calibrated, the text increases conceptual understanding and leads to greater student success in general chemistry by building on the expertise of the dynamic author team of leading researchers and award-winning teachers. In this new edition, the author team draws on the wealth of student data in Mastering(tm) Chemistry to identify where students struggle and strives to perfect the clarity and effectiveness of the text, the art, and the exercises while addressing student misconceptions and encouraging thinking about the practical, real-world use of chemistry. New levels of student interactivity and engagement are made possible through the enhanced eText 2.0 and Mastering Chemistry, providing seamlessly integrated videos and personalized learning throughout the course. Also available with Mastering Chemistry Mastering(tm) Chemistry is the leading online homework, tutorial, and engagement system, designed to improve results by engaging students with vetted content. The enhanced eText 2.0 and Mastering Chemistry work with the book to provide seamless and tightly integrated videos and other rich media and assessment throughout the course. Instructors can assign interactive media before class to engage students and ensure they arrive ready to learn. Students further master concepts through book-specific Mastering Chemistry assignments, which provide hints and answer-specific feedback that build problem-solving skills. With Learning Catalytics(tm) instructors can expand on key concepts and encourage student engagement during lecture through questions answered individually or in pairs and groups. Mastering Chemistry now provides students with the new General Chemistry Primer for remediation of chemistry and math skills

needed in the general chemistry course. If you would like to purchase both the loose-leaf version of the text and MyLab and Mastering, search for: 0134557328 / 9780134557328 Chemistry: The Central Science, Books a la Carte Plus Mastering Chemistry with Pearson eText -- Access Card Package Package consists of: 0134294165 / 9780134294162 Mastering Chemistry with Pearson eText -- ValuePack Access Card -- for Chemistry: The Central Science 0134555635 / 9780134555638 Chemistry: The Central Science, Books a la Carte Edition

The Princeton Review MCAT Complete

Dmitrii Mendeleev (1834-1907) is a name we recognize, but perhaps only as the creator of the periodic table of elements. Generally, little else has been known about him. A Well-Ordered Thing is an authoritative biography of Mendeleev that draws a multifaceted portrait of his life for the first time. As Michael Gordin reveals, Mendeleev was not only a luminary in the history of science, he was also an astonishingly wide-ranging political and cultural figure. From his attack on Spiritualism to his failed voyage to the Arctic and his near-mythical hot-air balloon trip, this is the story of an extraordinary maverick. The ideals that shaped his work outside science also led Mendeleev to order the elements and, eventually, to engineer one of the most fascinating scientific developments of the nineteenth century. A Well-Ordered Thing is a classic work that tells the story of one of the world's most important minds.

MCAT General Chemistry Review

The Education Outlook

MCAT General Chemistry Review