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Inorganic Chemistry 2013-09-24

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Introduction to Chemistry 2017-01-31

this book explains all aspects of organic chemistry and provides a thorough drill to students preparing for various examinations each chapter is systematically organised in terms of the following components i theory basic concepts are clearly explained

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Radiation Chemistry of Carbohydrates 2015-02-26

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Student's Guide to Fundamentals of Chemistry 2009-02-05

most people remember chemistry from their schooldays as largely incomprehensible a subject that was fact rich but understanding poor smelly and so far removed from the real world of events and pleasures that there seemed little point except for the most introverted in coming to terms with its grubby concepts spells recipes and rules peter atkins wants to change all that in this very short introduction to chemistry he encourages us to look at chemistry anew through a chemist's eyes in order to understand its central concepts and to see how it contributes not only towards our material comfort but also to human culture atkins shows how chemistry provides the infrastructure of our world through the chemical industry the fuels of heating power generation and transport as well as the fabrics of our clothing and furnishings by considering the remarkable achievements that chemistry has made and examining its place between both physics and biology atkins presents a fascinating clear and rigorous exploration of the world of chemistry its structure core concepts and exciting contributions to new cutting edge technologies about the series the very short introductions series from oxford university press contains hundreds of

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The Book of Ingeniously Daring Chemistry 2021-07-06

as a chemistry practical workbook this book aims at providing guiding notes for young students in the discipline in addition to young academicians towards passing chemistry practical exams the first chapter focuses on volumetric analysis to which follows a chapter concerning qualitative analysis the last two chapters regard thermochemistry and chemical kinetics respectively each chapter is reinforced with working examples and chronological classroom exercises for quantitative volumetric analysis about the author amos senyonjo is a graduate chemistry teacher from mbarara university of science and technology in addition to a current candidate of this institution s master s program of science in chemistry for five years senyonjo dedicated himself to completing this book to provide a comprehensive aid to young chemists or academicians senyonjo has been teaching chemistry for years at the secondary school level the aspiration to complete this book comes directly from his passion for education and his desire to make chemistry attainable to everyone who has interest for it

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major and minor components of food explains the functional properties contributed by proteins carbohydrates and lipids in food explores the chemical and enzymatic reactions affecting food attributes color flavor and nutritional quality describes the gut microbiome and influence of food components on its microbial population reviews major food systems and novel sources of food protein

Introduction to the Chemistry of Food

the book a textbook of organic chemistry was first published 40 years ago over the years it has become students favourite because it explains the subject in the most student friendly way and is revised regularly to keep itself updated with the latest in research this edition presents the modern day basic principles and concepts of the subject as per the cbcs of ugc guidelines special emphasis has been laid on the mechanism and electronic interpretation of reactions of the various classes of compounds it provides a basic foundation of the subject so that based on these students are able to extrapolate predict and solve challenging problems new in this edition a new chapter energy in biosystems explores the fundamentals of biochemical reactions involved in storage as well as continuous usage of energy in biosystems structural theories like sp^3 and sp^2 hybridization and orbital pictures of resonance and hyperconjugation woodward fieser rules for calculating λ_{max} and norrisch type i and ii reactions of special photochemical $C-C$ cleavage in the chapter on electromagnetic spectrum polanyi hammond postulates and curtin hammett principle along with several new mechanisms e g favorskii baeyer villiger and birch in chapter 5 mcmurry wittig stobbe darzen in chapter 19 study of antibiotics antacids and antihistamines in the chapter on chemotherapy biodegradable and conducting plastics in the chapter on synthetic polymers and plastics benefits of green chemistry the latest trend for sustainable chemistry as appendix ii

A Textbook of Organic Chemistry, 4th Edition

the multi coloured edition of the books has been revised and updated in a lucid language project work at the end of each chapter lays emphasis on the learning by doing methodology unit test paper and model test paper have been included

Chemistry For Middle Class-6 (Book-I)

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