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Basic Chemistry - Steven S. Zumdahl 2014-01-01

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Chemistry - Karen C. Timberlake 2013-07-18

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McGraw-Hill's SAT Subject Test: Biology E/M, 2/E - Stephanie Zinn 2009-02-01

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Organic and Biological Chemistry - H. Stephen Stoker 2015-01-02

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A Complete Introduction to Modern NMR Spectroscopy - Roger S. Macomber
1997-12-23

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2015-01-01

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Precalculus - Cynthia Y. Young 2022-12-28

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MCAT General Chemistry Review 2023-2024 - Kaplan Test Prep 2022-07-05

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Tan Print's Chemistry (306) (Section II: Domain-Specific) for NTA CUET (UG) 2022 - Exhaustive coverage in a student-friendly manner featuring conceptual clarity/questions, revision of concepts, etc. - A. Mourya 2022-05-21

This book intends to cater to the principal needs of all the students preparing for the Common University Entrance Test (CUET) at the Undergraduate Level in the Chemistry Domain. This book contains the practice material in a highly student-friendly and thorough manner. The Present Publication is the Latest 2022 Edition, authored by A. Mourya, with the following noteworthy features: • [As per the Latest Syllabus] released by the National Testing Agency (NTA) • [Chapter-wise/Topic-wise MCQs] with hints and answers • [Chapter-wise 'Mind Maps/Quick Review'] for complete revision of concepts • [Tease your Brain] section for conceptual clarity • [Mock Tests based on Official Mock Test

Pattern] are provided in the book to gauge the students' knowledge & understanding. It also enables the students to get acquainted with the pattern of examination before appearing for the final exam The structure of this book is as follows: • Chapter 1 provides complete concept clarity about the topic 'Haloalkanes and Haloarenes' with sufficient conceptual questions • Chapter 2 on 'Alcohols, Phenols and Ethers' provides all-important preparations and name reactions with conceptual questions • Chapter 3 provides sufficient conceptual questions on the topic of 'Aldehydes and Ketones' with a brief theory of the topic • Chapter 4 on 'Carboxylic Acids and its Derivatives' provides theory and question bank on the preparations, physical properties and chemical reactions of carboxylic acid and its derivatives • Chapter 5 on 'Amines' provides a complete concept of the organic compounds containing nitrogen with a sufficient number of conceptual questions • Chapter 6 on 'Biomolecules' provides clarity about carbohydrates, amino acids, proteins, vitamins and DNA & RNA with sufficient conceptual questions • Chapter 7 on 'Electrochemistry' deals with concepts such as redox reactions, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells, the relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis with sufficient conceptual questions • Chapter 8 on 'Coordination Chemistry' deals with ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature, Werner's theory, VBT, and CFT with sufficient conceptual questions • Chapter 9 on 'Solid States' deals with the unit cell, the density of unit cell, packing efficiency, voids, number of atoms per unit cell in a cubic unit cell, and point defects with sufficient conceptual questions • Chapter 10 on 'Liquid Solutions' deals with the solubility of gases in liquids, Raoult's law, colligative properties - the relative lowering of vapour pressure, the elevation of boiling point, depression of freezing point, osmotic pressure with sufficient conceptual questions • Chapter 11 provides complete concept clarity about the topic 'D & F Block Elements' with sufficient conceptual questions • Chapter 12 on 'Chemical Kinetics' deals with the rate of a reaction, factors affecting the rate of reaction, order and molecularity of a reaction, rate law and specific rate constant, integrated rate equations and half-life with sufficient conceptual questions • Chapter 13 provides complete concept clarity about the topic 'Polymers' with sufficient conceptual questions • Chapter 14 on 'P Block Elements' deals with chemistry related to Group 15 - 18 elements with sufficient conceptual questions • Chapter 15 provides complete concept clarity about the topic 'Surface Chemistry' with sufficient conceptual questions • Chapter 16 provides complete concept clarity about the topic 'Ores and Metallurgy' with sufficient conceptual questions

Sif Chemistry Nl Tb - Rex M. Heyworth 2007

Chemistry & Chemical Reactivity - John C. Kotz 2014-01-24

Succeed in chemistry with the clear explanations, problem-solving strategies, and dynamic study tools of CHEMISTRY & CHEMICAL REACTIVITY, 9e. Combining thorough instruction with the powerful multimedia tools you need to develop a deeper understanding of general chemistry concepts, the text emphasizes the visual nature of chemistry, illustrating the close interrelationship of the macroscopic, symbolic, and particulate levels of chemistry. The art program illustrates each of these levels in engaging detail--and is fully integrated with key media components. In addition access to OWLv2 may be purchased separately or at a special price if packaged with this text. OWLv2 is an online homework and tutorial system that helps you maximize your study time and improve your success in the course. OWLv2 includes an interactive eBook, as

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Principles of Biochemical Toxicology, Third Edition - John Timbrell 1999-10-21
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editions of Principles of Biochemical Toxicology, John Timbrell has expanded the text to include: summary sections questions and model answers thoroughly revised artwork These features, plus the new easy-to-read format will make biochemical toxicology more accessible to undergraduates and postgraduates coming across the subject for the first time, particularly when undertaking self-directed study. This comprehensive textbook provides a thorough explanation of dose-response relationships; disposition and metabolism; toxic responses to foreign compounds, and detailed examples to illustrate mechanisms of toxicity. There is also an expanded and updated bibliography, directing the reader to further reading if required. Students and lecturers will find the clear and concise approach, which established this book as the leading textbook in its field, an essential aid to learning and teaching.

Biology: The Dynamic Science - Peter J. Russell 2016-01-01

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Molecular Biology of the Cell - Bruce Alberts 2004

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