

Physical Chemistry for JEE (Advanced): Part 1, 3E

Author(s): K. S. Verma

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Physical Chemistry for Joint Entrance Examination JEE (Advanced): Part 1 (3e), a Cengage Exam Crack Series™ product, is designed to help aspiring engineers focus on the subject of physical chemistry from two standpoints:

To develop their caliber, aptitude, and attitude for the engineering field and profession.

To strengthen their grasp and understanding of the concepts of the subjects of study and their applicability at the grassroots level.

Each book in this series approaches the subject in a very conceptual and coherent manner. While its illustrative, solved examples facilitate easy mastering of the concepts and their applications, an array of solved problems exposes the students to a variety of questions that they can expect in the examination. The coverage and features of this series of books make it highly useful for all those preparing for JEE (Advanced) and aspiring to become engineers.

Includes questions and problems from previous years' JEE papers, which will help students understand the pattern of the questions asked in the examination

Features following types of problems:

Subjective Type

Single Correct Answer Type

Multiple Correct Answers Type

Linked Comprehension Type

Matrix Match Type

Numerical Value Type

Archives (JEE Main 2009–20 & JEE Advanced 2009–19 Questions)

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Some Basic Concepts and Mole Concept

Redox Reaction

Stoichiometry

Atomic Structure

States of Matter

Thermodynamics

Chemical Equilibrium

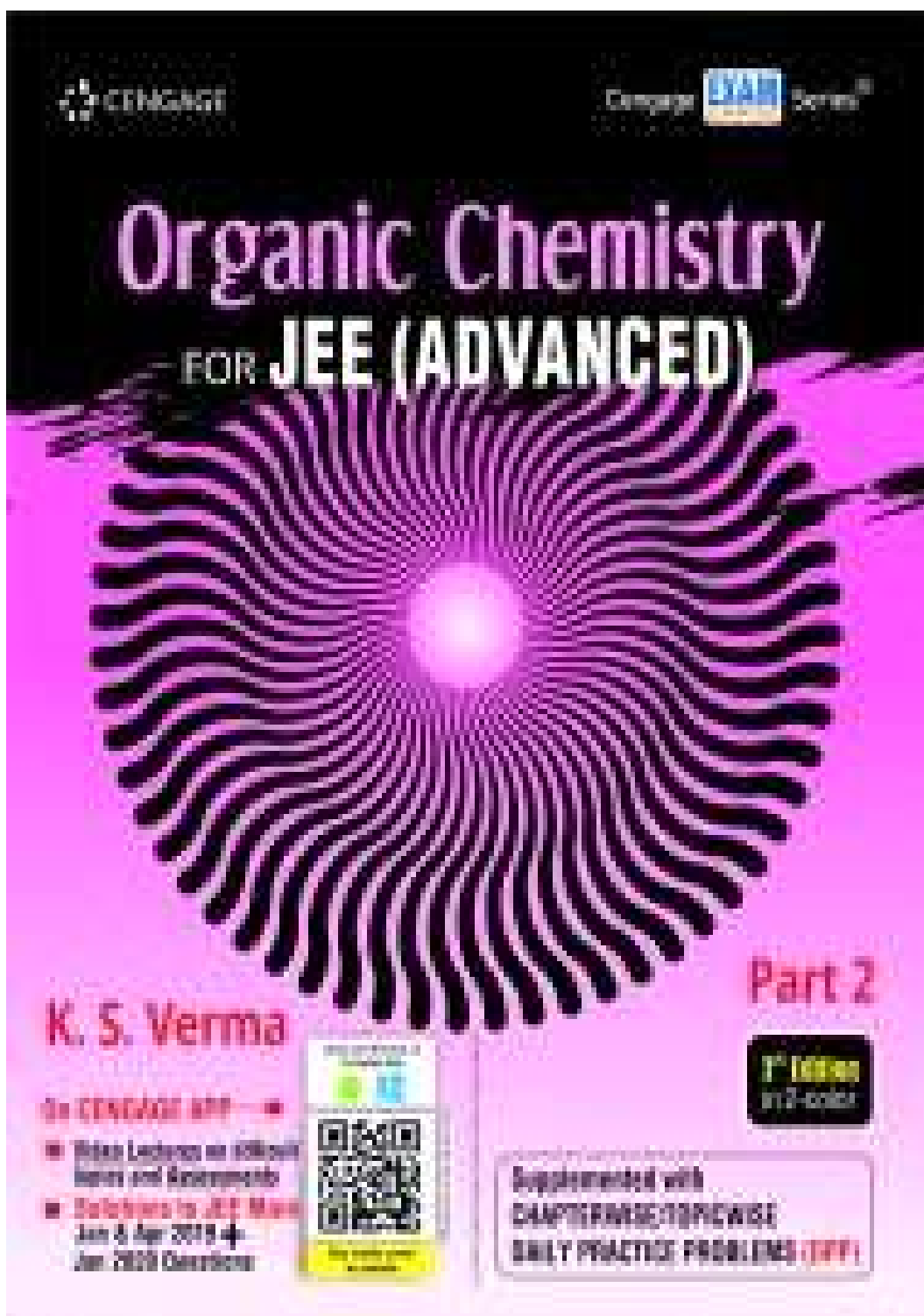
Ionic Equilibrium

Appendix 1: Some Useful Data and Log Tables

Appendix 2: Chapterwise Solved JEE Main 2019 Questions (16 Sets)

Appendix 3: Chapterwise Solved JEE Main January 2020 Questions (6 Sets)

Appendix 4: JEE Advanced 2019 Solved Questions



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Single Correct Answer Type

Multiple Correct Answers Type

Linked Comprehension Type

Matrix Match Type

Numerical Value Type

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Organic Chemistry for JEE (Advanced): Part 2, 3E

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Grignard Reagents and Organometallic Compound

Reduction and Oxidation Reactions of Organic Compounds

Alkyl and Aryl Halides

Alcohols, Phenols, and Ethers

Aliphatic and Aromatic Aldehydes and Ketones

Carboxylic Acids and Their Derivatives

Organic Compounds with Functional Groups Containing Nitrogen

Synthetic and Natural Polymers

Biomolecules

Chemistry in Everyday Life

Appendix 1: Chapterwise Solved JEE Main 2019 Questions (16 Sets)

Appendix 2: Chapterwise Solved JEE Main January 2020 Questions (6 Sets)

Appendix 3: JEE Advanced 2019 Solved Questions

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K. S. Verma

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Organic Chemistry for Joint Entrance Examination JEE (Advanced): Part 1 (3e), a Cengage Exam Crack Series™ product, is designed to help aspiring engineers focus on the subject of organic chemistry from two standpoints:

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To strengthen their grasp and understanding of the concepts of the subjects of study and their applicability at the grassroots level.

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Features following types of problems:

Subjective Type

Single Correct Answer Type

Multiple Correct Answers Type

Linked Comprehension Type

Matrix Match Type

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Purification of Organic Compounds and Qualitative and Quantitative Analysis

Isomerism

General Organic Chemistry

Organic Reaction Mechanism

Alkanes and Cycloalkanes

Alkenes and Alkadienes

Alkynes

Environmental Chemistry

Appendix 1: Chapterwise Solved JEE Main 2019 Questions (16 Sets)

Appendix 2: Chapterwise Solved JEE Main January 2020 Questions (6 Sets)

Appendix 3: JEE Advanced 2019 Solved Questions

Inorganic Chemistry

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Includes questions and problems from previous years' JEE papers, which will help students understand the pattern of the questions asked in the examination

Features following types of problems:

Subjective Type

Single Correct Answer Type

Multiple Correct Answers Type

Linked Comprehension Type

Matrix Match Type

Numerical Value Type

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Provides detailed solutions/explanations to all types of exercises

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General Principles and Processes of Isolation of Elements

p-Block Group 15 Elements: The Nitrogen Family

p-Block Group 16 Elements: The Oxygen Family

p-Block Group 17 Elements: The Halogen Family

p-Block Group 18 Elements: The Inert Gases

d- and f-Block Elements

Coordination Compounds

Qualitative Inorganic Salt Analysis

Appendix 1: Chapterwise Solved JEE Main 2019 Questions (16 Sets)

Appendix 2: Chapterwise Solved JEE Main January 2020 Questions (6 Sets)

Appendix 3: JEE Advanced 2019 Solved Questions



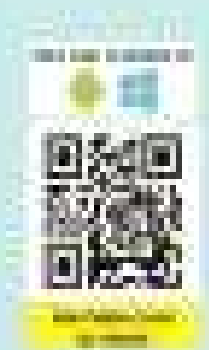
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Multiple Correct Answers Type

Assertion-Reasoning Type

Linked Comprehension Type

Matching Column Type

Integer Type

Archives (Up-to-date Previous Years' Questions)

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Chapter 2: Chemical Bonding and Molecular Structure

Chapter 3: Hydrogen, Water and Hydrogen Peroxide

Chapter 4: s-Block Group 1: Alkali Metals

Chapter 5: s-Block Group 2: Alkaline Earth Metals

Chapter 6: p-Block Group 13: The Boron Family

Chapter 7: p-Block Group-14: The Carbon Family

Appendix A: NCERT-Based Questions (with Solutions)

Appendix B: Chapterwise Solved 2014 and 2015 JEE Advanced Questions

Chapterwise Solved 2016 JEE Advanced Questions

Author: K.S. Verma

Author: P. Dwivedi

Author(s): K. S. Verma

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Inorganic Chemistry

FOR JEE (ADVANCED)

K. S. Verma

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