

CENGAGE

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# Organic Chemistry

## FOR JEE (ADVANCED)

**K. S. Verma**

**Part 2**

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- **Video Lectures on difficult topics and Experiments**
- **Solutions to JEE Main Jan & Apr 2019 + Jan 2020 Questions**



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Organic Chemistry for Joint Entrance Examination JEE (Advanced): Part 2 (3e), a Cengage Exam Crack Series™ product, is designed to help aspiring engineers focus on the subject of organic chemistry from two standpoints:

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

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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

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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

Author(s): K. S. Verma

Price: 949

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Pages: 1024

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Trim Size : 279 x 216 mm

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

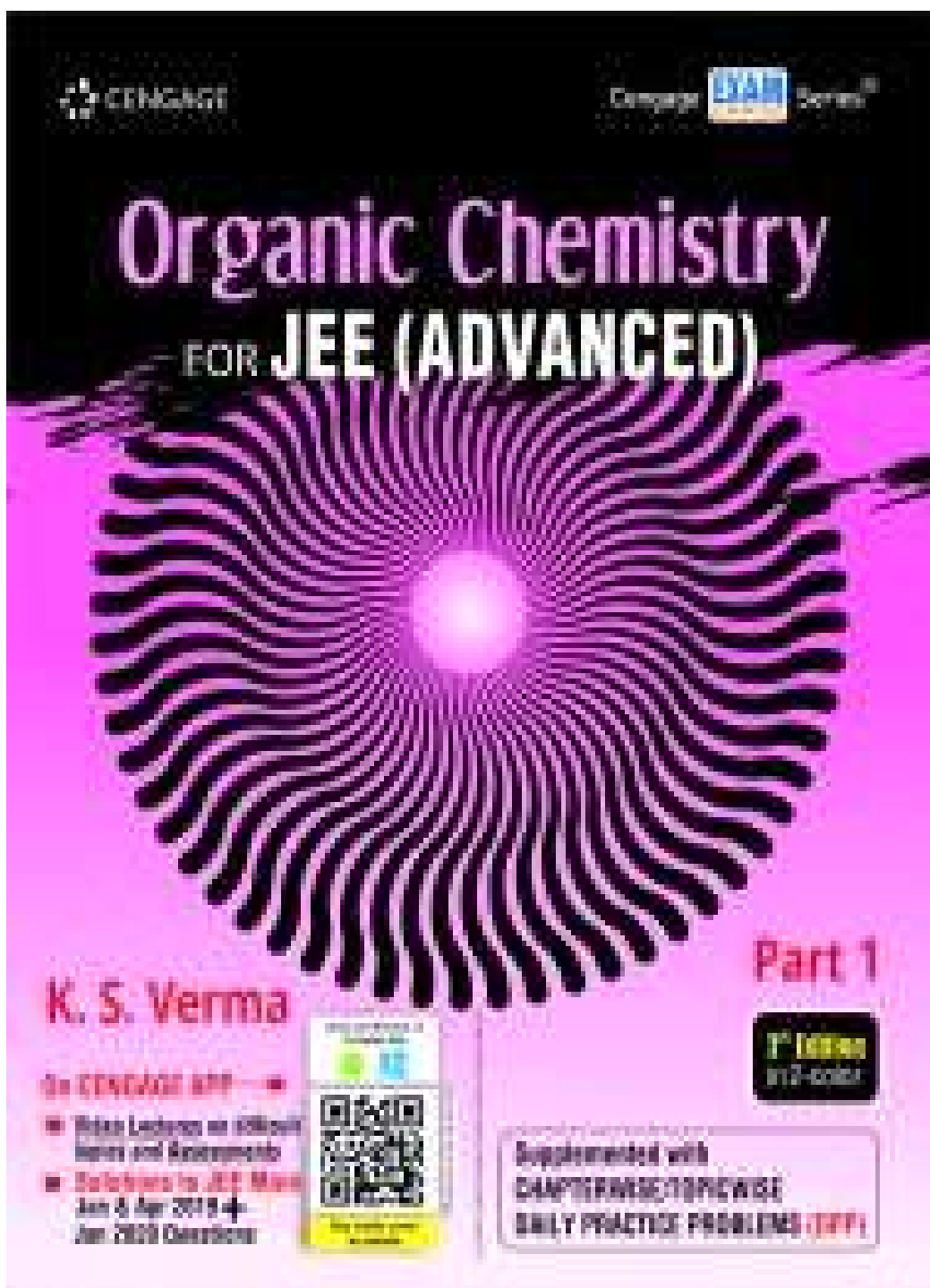
Biomolecules

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



Author(s): K. S. Verma

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Classification and Nomenclature of Organic Compounds

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

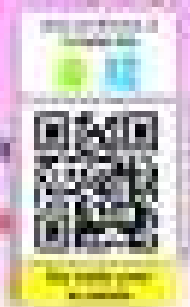
# Inorganic Chemistry

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**K. S. Verma**

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- Solutions to JEE Main Jan & Apr 2019 & Jan 2020 Questions



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Inorganic Chemistry for Joint Entrance Examination JEE (Advanced): Part 2 (3e), a Cengage Exam Crack Series™ product, is designed to help aspiring engineers focus on the subject of inorganic chemistry from two standpoints:

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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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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



Cengage Learning's **EXAM** Series™

# Inorganic Chemistry

FOR CHEMISTRY ENTRANCES  
JEE (Advanced)

Part 1

K.S. Verma  
P. Dwivedi



Supplemented with  
Chapterwise/Topicwise  
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Inorganic Chemistry for Joint Entrance Examination JEE (Advanced): Part 1, a Cengage Learning Exam Crack Series™ product, is designed to help aspiring engineers focus on the subject of inorganic chemistry from two standpoints:

1. To develop their caliber, aptitude, and attitude for the engineering field and profession.
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Each book in this series approaches the subject in a very conceptual and coherent manner. While its illustrative and solved examples will facilitate easy mastering of the concepts and their applications, an array of solved problems will expose the students to the variety and nature of questions that they can expect to face 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' papers, which will help students understand the pattern of the questions asked in the examination

Features all types of problems asked in the examination:

Subjective Type

Single Correct Answer Type

Multiple Correct Answers Type

Assertion-Reasoning Type

Linked Comprehension Type

Matching Column Type

Integer Type

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

Provides exercises and problems with their complete solutions.

Supplemented with Chapterwise/Topicwise Daily Practice Problems (DPP)

Includes access to free tests and selective topic-based videos available on app (Android/Windows)

Chapter 1: Periodic Classification of Elements and General Inorganic Chemistry

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**

Dr. CENGAGE **INDIA**

- **With Lessons in Solving  
Nerz and Exercises**
- **Revised for JEE (Main)  
Jan & Apr 2019 &  
Jan 2020 Questions**



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**CHAPTERWISE/ TOPICWISE  
DAILY PRACTICE PROBLEMS**

Part  
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in 2019**