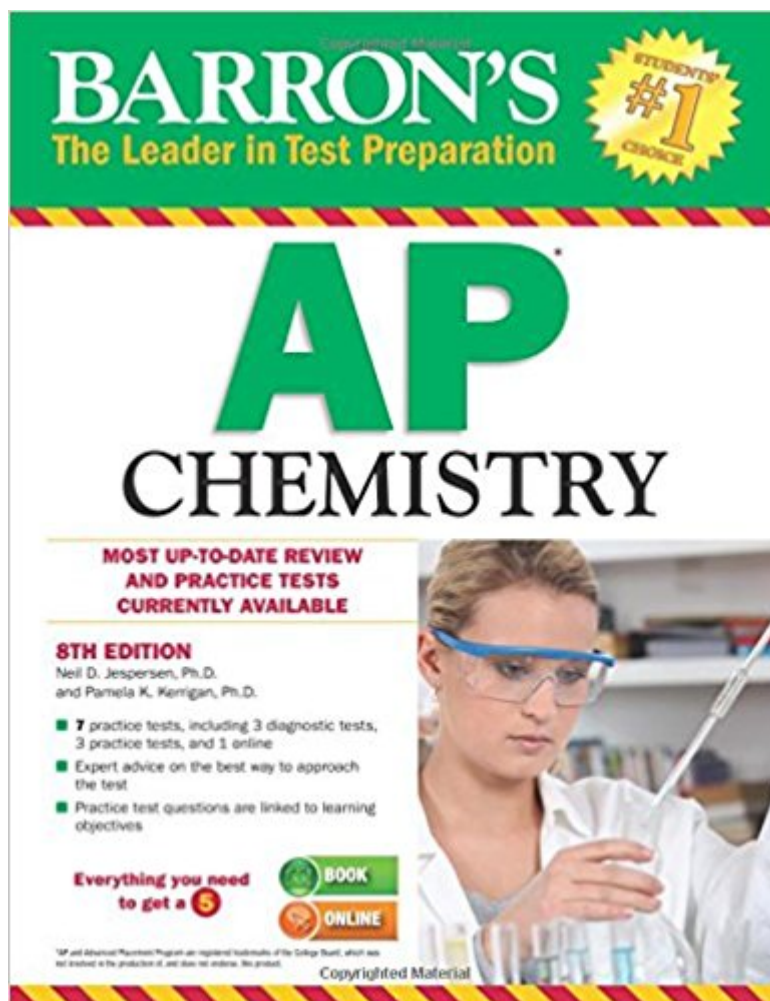


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Barron's AP Chemistry, 8th Edition



Synopsis

Extensive test preparation for the AP Chemistry exam includes: Six practice AP exams: three diagnostic tests and three full-length practice exams that are aligned with the upcoming, new AP Chemistry exam. All questions answered and explained. A comprehensive subject review covering the structure of matter, chemical bonding, states of matter, physical chemistry, chemical reactions, and all other test topics. Study tips and test-taking strategies. This review book can be purchased alone or with an optional CD-ROM that presents two additional full-length practice tests with automatic scoring and fully explained answers.

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DIAGNOSTIC TESTS Diagnostic Test 1 Diagnostic Test 2 Diagnostic Test 3

PART ONE: STRUCTURE OF MATTER Structure of the Atom The Periodic Table Nuclear Chemistry

PART TWO: CHEMICAL BONDING Ionic Compounds, Formulas, and Reactions Covalent Compounds, Formulas, and Structure Stoichiometry

PART THREE: STATES OF MATTER Gases Liquids and Solids Solutions

PART FOUR: PHYSICAL CHEMISTRY Chemical Equilibrium

Kinetics Thermodynamics PART FIVE: CHEMICAL REACTIONS Oxidation-Reduction Reactions and Electrochemistry Acids and Bases Organic Chemistry and Polymers Experimental Chemistry PRACTICE TESTS APPENDICES Appendix 1 Answer Explanations for End-of-Chapter Questions Appendix 2 Electronic Configurations of the Elements Appendix 3 Thermodynamic Data for Selected Elements, Compounds, and Ions (25 Å° Å° C) Appendix 4 Ionization Constants of Weak Acids Appendix 5 Ionization Constants of Polyprotic Acids Appendix 6 Ionization Constants of Weak Bases Appendix 7 Solubility Product Constants Appendix 8 Reference Tables for Practice Tests, Section II Glossary Index

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I bought this book as an extremely nervous and hectic junior who was scared for his own life coming into the AP chemistry exam. Now, after the fact (and having scored a 5), I would have to say this book is definitely overkill. Does it help you study and prepare thoroughly? Yes, but I think it goes

into unnecessary depth, and some subjects that were covered by the book weren't even on the exam! But honestly, it's always better to go in over-prepared, just in case the test makers decide to trip you up with an obscure topic. Overall, it's an okay book and worth a quick read-through, but I wouldn't spend too much time with it. 4/5 stars because it wasn't as effective and helpful as it could've been. I wouldn't skip over it completely either, because it definitely hits some key points that helps you immensely during the test. For a gauge of how difficult the actual AP exam was, imagine somewhere between the difficulty of the example tests on collegeboard (easy) and the practice tests on this (very hard). But the actual test is definitely NOT as hard as the practice tests in this book, and there's no use to worry needlessly if you can't answer some (or quite a few) ridiculously hard questions and freak out about not being prepared (which is what I did).

Most of the questions are fine; some do not have the standard challenges of the new AP Chem exam questions. The Practice Test, however, is still a very good resource for my students. Big book but light in weight, but the paper seems to be off-white.

My daughter ordered this book to help her study for her AP exam, she felt it was helpful. She just took the exam last week.

Met expectations.

Really dense material. Good for learning throughout the year but horrible for cramming/last minute studying. Practice test questions are not like those found on the actual AP Exam (coming from first hand experience)

As expected

very Useful

This is a great book, and it was really helpful for my AP chem class, especially when I'm preparing for my AP exam.

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