



Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions

By Sterling Test Prep

Download now

Read Online 

Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep

CLEP Chemistry bestseller! NEW edition with complete explanations!

1,200 chemistry practice questions with detailed explanations. All questions are multiple 5-choice questions - like the actual test - and cover all topics tested on CLEP Chemistry:

- Electronic and atomic structure of matter
- Periodic table
- Chemical bonding
- States of matter: gases, liquids, solids
- Solution chemistry
- Acids and bases
- Stoichiometry
- Equilibrium and reaction rates
- Thermochemistry
- Electrochemistry

 [Download Sterling Test Prep CLEP Chemistry Practice Questio ...pdf](#)

 [Read Online Sterling Test Prep CLEP Chemistry Practice Quest ...pdf](#)

Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions

By Sterling Test Prep

Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep

CLEP Chemistry bestseller! NEW edition with complete explanations!

1,200 chemistry practice questions with detailed explanations. All questions are multiple 5-choice questions - like the actual test - and cover all topics tested on CLEP Chemistry:

- Electronic and atomic structure of matter
- Periodic table
- Chemical bonding
- States of matter: gases, liquids, solids
- Solution chemistry
- Acids and bases
- Stoichiometry
- Equilibrium and reaction rates
- Thermochemistry
- Electrochemistry

Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep **Bibliography**

- Rank: #318678 in Books
- Brand: Ingramcontent
- Published on: 2014-06-17
- Original language: English
- Number of items: 1
- Dimensions: 11.00" h x 1.42" w x 8.50" l, 1.35 pounds
- Binding: Paperback
- 628 pages

 [Download Sterling Test Prep CLEP Chemistry Practice Questio ...pdf](#)

 [Read Online Sterling Test Prep CLEP Chemistry Practice Quest ...pdf](#)

Download and Read Free Online Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep

Editorial Review

From the Author

Scoring well on College-Level Examination Program (CLEP) Chemistry is important for your ability to bypass taking the class and earn college credit. To achieve a high score, you need to develop skills to properly apply the knowledge you have and quickly choose the correct answer. You must solve numerous practice questions that represent the style and content of the CLEP questions. Understanding key science concepts is more valuable than memorizing terms.

This book provides **over 1,200 chemistry practice questions** that test your knowledge of all CLEP Chemistry topics. At the back of the book, you will find answer keys (use them to verify your answers) and explanations to questions. These explanations provide step-by-step solutions for quantitative questions and detailed explanations for conceptual questions. They also cover the foundations of general chemistry topics needed to answer related questions on the test. **By reading these explanations carefully and understanding how they apply to solving the question, you will learn important chemistry concepts and the relationships between them. This will prepare you for the test and you will significantly increase your score.**

All the questions are prepared by our science editors who possess extensive credentials and are educated in top colleges and universities. Our editors are experts on teaching sciences, preparing students for standardized science tests and have coached thousands of undergraduate and graduate school applicants on admission strategies.

Used books may have outdated content. We make content updates regularly based on customers' comments, editorial input and latest test changes. The most current version is only available directly from Amazon (*sold & shipped by Amazon*), Barnes & Noble and Sterling Test Prep web store.

From the Inside Flap

Electronic and Atomic Structure of Matter; Periodic Table

- Atomic theory and atomic mass
- Atomic number and mass number; isotopes and mass spectroscopy
- Electron energy levels: atomic spectra, quantum numbers, atomic orbitals
- Periodic relationships (atomic radii, ionization energies, electron affinities, oxidation states)

Bonding

- Bonding properties and structures
- Ionic, covalent, metallic bonds
- Polarity of bonds, electronegativities
- Molecular geometry
- Intermolecular forces (hydrogen bonding, dipole-dipole, London dispersion forces)
- Molecular models: valence bond theory, hybridization of orbitals, resonance, *sigma* and *pi* bonds

States of Matter: Gases, Liquids, Solids

- Laws of ideal gases; equations of state for an ideal gas

- Kinetic molecular theory
- Molar volumes, density
- Types of solids, phase changes, phase diagrams
- Changes of state, critical phenomena, crystal structure
- Intermolecular forces

Solution Chemistry

- Solution preparation, types of solutions, stoichiometry
- Molarity and percent by mass concentrations
- Solubility of solids, liquids and gases
- Precipitation and solubility rules
- Colligative properties; interionic attraction

Acids and Bases

- Strong and weak acids and bases
- Brønsted-Lowry theory
- Concepts of Arrhenius and Lewis
- pH, titrations, indicators
- Oxidation-reduction reactions

Stoichiometry

- Molar mass, Avogadro's number
- Empirical and molecular formulas
- Ionic and molecular species present in chemical systems; net-ionic equations
- Balancing of chemical equations
- Stoichiometric calculations, percent yield, limiting reactants

Equilibrium and Reaction Rates

- Equilibrium systems
- Le Châtelier's principle and position of equilibrium
- Equilibrium constants, equilibrium expressions
- Factors affecting reaction rates; rate constant; rate-determining step
- Potential energy, activation energy

Thermodynamics

- First law: heat of formation; heat of reaction; change in enthalpy, Hess's law; heat capacity; heats of vaporization and fusion
- Second law: free energy of formation; free energy of reaction; dependence of change in free energy on enthalpy and entropy changes
- Chemical reactions, heating and cooling curves, entropy

Electrochemistry

- Galvanic and electrolytic cells
- Redox reactions (including half-reactions) within electrochemical cells
- Standard reduction potentials, oxidation number

Answer Keys & Explanations

From the Back Cover

Scoring well on College-Level Examination Program (CLEP) Chemistry is important for your ability to bypass taking the class and earn college credit. To achieve a high score, you need to develop skills to properly apply the knowledge you have and quickly choose the correct answer. You must solve numerous practice questions that represent the style and content of the CLEP questions. Understanding key science concepts is more valuable than memorizing terms.

This book provides over 1,800 chemistry practice questions that test your knowledge of all CLEP Chemistry topics. At the back of the book, you will find answer keys (use them to verify your answers) and explanations to questions. These explanations provide step-by-step solutions for quantitative questions and detailed explanations for conceptual questions. They also cover foundations of general chemistry topics needed to answer related questions on the test.

By reading the detailed explanations carefully and understanding how they apply to solving the question, you will learn important chemistry concepts and the relationships between them. This will prepare you for the test and you will significantly increase your score.

Users Review

From reader reviews:

Shelia Coggins:

As people who live in the modest era should be up-date about what going on or details even knowledge to make these keep up with the era which can be always change and make progress. Some of you maybe may update themselves by reading books. It is a good choice for you personally but the problems coming to an individual is you don't know what kind you should start with. This Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions is our recommendation so you keep up with the world. Why, since this book serves what you want and need in this era.

Alan Dougherty:

Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions can be one of your nice books that are good idea. Most of us recommend that straight away because this e-book has good vocabulary that will increase your knowledge in words, easy to understand, bit entertaining but nonetheless delivering the information. The writer giving his/her effort to put every word into joy arrangement in writing Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions nevertheless doesn't forget the main point, giving the reader the hottest along with based confirm resource facts that maybe you can be certainly one of it. This great information could drawn you into brand-new stage of crucial contemplating.

Timothy Rocha:

This Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions is new way for you who has fascination to look for some information since it relief your hunger associated with. Getting deeper you upon it getting knowledge more you know or perhaps you who still having tiny amount of digest in reading this Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP

Chemistry Questions can be the light food for you because the information inside that book is easy to get through anyone. These books acquire itself in the form that is certainly reachable by anyone, that's why I mean in the e-book web form. People who think that in reserve form make them feel sleepy even dizzy this guide is the answer. So you cannot find any in reading a book especially this one. You can find actually looking for. It should be here for anyone. So , don't miss this! Just read this e-book kind for your better life as well as knowledge.

Scott Padilla:

Publication is one of source of knowledge. We can add our knowledge from it. Not only for students but additionally native or citizen need book to know the up-date information of year to help year. As we know those guides have many advantages. Beside all of us add our knowledge, could also bring us to around the world. With the book Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions we can consider more advantage. Don't you to be creative people? For being creative person must want to read a book. Just simply choose the best book that suited with your aim. Don't be doubt to change your life with this book Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions. You can more appealing than now.

Download and Read Online Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep #IN8A0OSP6RU

Read Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep for online ebook

Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep books to read online.

Online Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep ebook PDF download

Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep Doc

Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep Mobipocket

Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep EPub

IN8A0OSP6RU: Sterling Test Prep CLEP Chemistry Practice Questions: High Yield CLEP Chemistry Questions By Sterling Test Prep