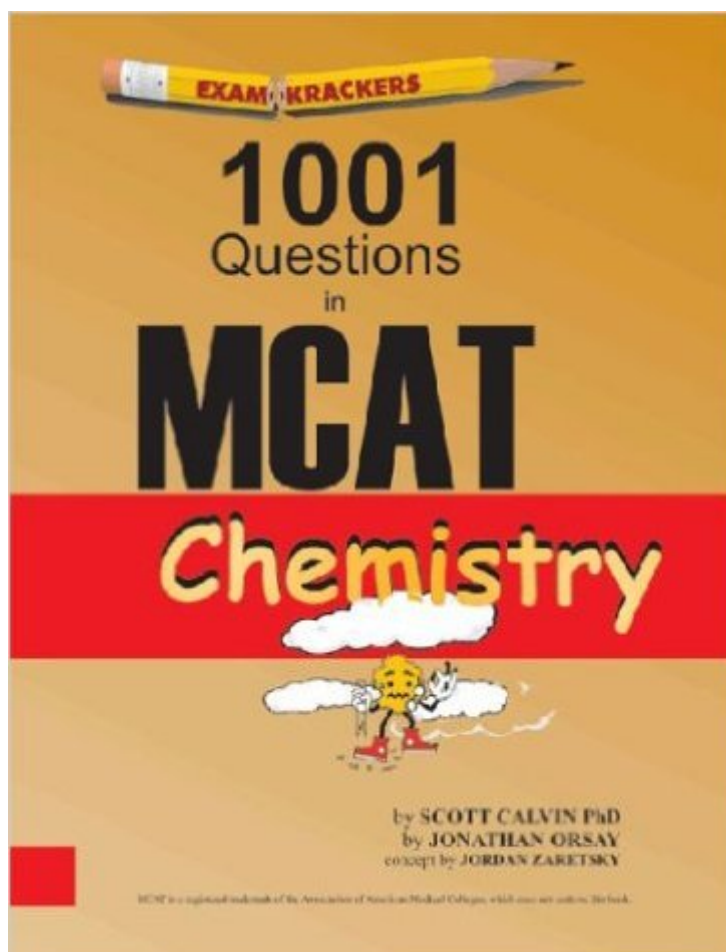


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# Examcrackers 1001 Questions In MCAT Chemistry



## Synopsis

1001 Questions in MCAT Chemistry provides practice questions in all chemistry topics covered by the MCAT. The questions and explanations are designed to teach the student to think intuitively. Like the MCAT, conceptual thinking is encouraged while lengthy calculations are discouraged. Memorization of basic formulas is required, but usually will not, in itself, provide the fastest method to finding an answer. Questions are conveniently arranged by topic. Question difficulty ranges from easy to very difficult. Questions are formatted exactly like the MCAT. Answers and explanations are provided in the back of the book.

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## Customer Reviews

If you want to score well on the physical sciences portion of the mcat, BUY THIS BOOK. I bought this book 5 weeks ago, and I feel much more confident about the material on the MCAT. Get this book for practice and drilling of concepts. If you don't know the material- DO NOT GET THIS BOOK!!!!!! Like said above, review the material elsewhere, but if you wanna perfect your concepts get this book. Make sure you review the concept, though, before doing the problems. It's the general rule of thumb, that if you know the concept decently, and If you do problems (which this book has loads and loads, for example, there are 200 problems devoted JUST to acids and bases), then you will master the concept. I have improved my physical sciences scores now to a 12 up from a 9 in just 3 weeks. Granted, I worked very hard, but if you put your heart into this book, and really learn

each and every one of these 1001 questions inside and out, meaning you learn why every answer choice is wrong, and why choices is correct, and also if you can give yourself problems just like the problems in the book, then there is absolutely no reason to not perform well on the Physical sciences test. Everyone says how the MCAT test is a thinking test is a valid statement for every section except for the physical sciences section. Only thinking you'll have to do is read and understand the passage (which, say if the passage is about magnetism, and you understand magnetism like the back of your hand, is a joke), the rest of the test is simple math calculations and concepts. Good luck pre-meds-don't lose faith in yourself-the MCAT's are extremely difficult, but they are also predictable, and most importantly, conquerable.

Buy this book if you feel that you are weak in certain areas of chemistry. The most problem-intensive concepts in MCAT Chemistry are solubilities and acid-base reactions. This book will make sure that you know what you're doing when given a  $K_{sp}$ ,  $K_a$ ,  $K_b$ , and any other combination. It is far too easy to read the equation for  $K_{sp}$  or  $K_a$  and think you know how to do those problems-- often, a student has no idea why equations are the way they are and just plug and chug. The MCAT will burn you if you don't understand why equations work the way they do, especially with solubilities and acid-base. Great practice problems to test limiting reagents, reaction rates, Le Chatelier's principle, electrolysis. What I did for the MCAT was to study the concepts in chemistry that required problem-solving with this book. Try to skip the conceptuals question-- often, your own chemistry book can teach concepts better than questions here, which usually operates on your knowledge of miniscule facts. Pay attention to what your instructors say are important-- do not do  $V_p$  questions, do not do phase diagrams. Often, the practice problems in your review textbooks is sufficient enough and you do not need to do practice problems for those. I did all 1001 questions for MCAT Physics THREE TIMES and I understood all those questions. I kept a notebook that detailed explanation for all the problems that stumped me. I went on the message board countless times. And while I knew MCAT Physics backwards and forwards, the amount of work I put in versus the amount of information that I actually needed for the MCAT was around 30%. In other words, doing all the problems meticulously will get you nowhere! You will waste valuable study time. Find your weakness and focus on those. Other things, you should just know without extensive practice. For example, what is the difference between the second and third row of the periodic table? The third row non-metal elements can have five bonds while the second row can only have four. This is a typical MCAT style question, and while a book like 1001 Chemistry will ask a large number of periodical tendencies question, this will probably be the only one that shows up on the test! Study

smart. Solubility, Acid-Base, and Electrolysis are the big subjects. Know how to do limiting reagents and stoichiometry. Do not do all the problems and master all of them-- that is a waste of time.

To get into Med school after 15yrs in business I took my Organic Chem series over again, studied Exam Kracker's 101 series until I knew the books cold, listened to EK's Audio Osmosis about 10 times while commuting then took several full length practice tests. Going in I thought I'd be taking it a 2nd time so I wasn't too stressed. Afterwards, I was even more sure I would be re-taking it. However, I managed a 30 (straight 10's) so I know anyone can. Bottom line, MCAT is not about knowing a ton of details (unlike Step 1). Know the basics like EK teaches so you can apply the concepts anyway they ask the question. Then practice, practice and practice some more (yes, especially the essays). It will help cement the concepts in, but more importantly give you confidence. My personal belief is reduced stress and being on top of your game test day are more important than which study aid you use. That said, EK's focused and yet whimsical style was perfect for me to go through it over and over until I knew it cold.

This book contains many questions in basic chemistry for the MCAT. All relevant topics are covered; however, I feel that this is not the best book for review. The main objection I have is that the question format is NOT what appears on the MCAT. Most MCAT questions are based on a reading passage and very few of the Examcracker's questions are in that form. Those that are based on a passage are very simple when compared to the real MCAT questions. I scored well on the physical sciences section but it was because I worked through real MCAT practice exams. Do not use this book as your sole source for chemistry preparation. I've said this dozens of times to friends, "If you purchase a 'comprehensive' review book make sure you also use old college books, old college notes, and work through old MCAT exams."

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