

THE OFFICIAL GUIDE FOR GMAT® REVIEW, 12TH EDITION

Copyright © 2009 by the Graduate Management Admission Council®. All rights reserved.

This edition published by John Wiley & Sons Ltd, The Atrium, Southern Gate, Chichester, West Sussex, PO19 8SQ, United Kingdom.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, except as permitted by the UK Copyright, Designs and Patents Act 1988, without the prior permission of the publisher.

The publisher and the author make no representations or warranties with respect to the accuracy or completeness of the contents of this work and specifically disclaim all warranties, including without limitation warranties of fitness for a particular purpose. No warranty may be created or extended by sales or promotional materials. The advice and strategies contained herein may not be suitable for every situation. This work is sold with the understanding that the publisher is not engaged in rendering legal, accounting, or other professional services. If professional assistance is required, the services of a competent professional person should be sought. Neither the publisher nor the author shall be liable for damages arising here from. The fact that an organization or Web site is referred to in this work as a citation and/or a potential source of further information does not mean that the author or the publisher endorses the information the organization or Web site may provide or recommendations it may make. Further, readers should be aware that Internet Web sites listed in this work may have changed or disappeared between when this work was written and when it is read.

Trademarks: Wiley, the Wiley Publishing logo, and related trademarks are trademarks or registered trademarks of John Wiley & Sons, Inc. and/or its affiliates. GMAC®, GMAT®, GMAT CAT®, Graduate Management Admission Council®, and Graduate Management Admission Test® are registered trademarks of the Graduate Management Admission Council® (GMAC®). Creating Access to Graduate Business Educationsm is a service mark of the Graduate Management Admission Council®. All other trademarks are the property of their respective owners. John Wiley & Sons, Ltd is not associated with any product or vendor mentioned in this book.

For details of our global editorial offices, for customer services and for information about how to apply for permission to reuse the copyright material in this book please see our website at www.wiley.com.

Wiley also publishes its books in a variety of electronic formats. Some content that appears in print may not be available in electronic books.

Library of Congress Control Number: 2008940699

A catalogue record for this book is available from the British Library.

ISBN: 978-0-470-74451-2

Printed in Asia

10 9 8 7 6 5 4 3 2 1

Book production by Wiley Publishing, Inc. Composition Services
Charles Forster, Designer
Mike Wilson, Production Designer

Table of Contents

1.0	What Is the GMAT®?	6
1.1	Why Take the GMAT® Test?	7
1.2	GMAT® Test Format	8
1.3	What Is the Content of the Test Like?	10
1.4	Quantitative Section	10
1.5	Verbal Section	10
1.6	What Computer Skills Will I Need?	11
1.7	What Are the Test Centers Like?	11
1.8	How Are Scores Calculated?	11
1.9	Analytical Writing Assessment Scores	12
1.10	Test Development Process	13
2.0	How to Prepare	14
2.1	How Can I Best Prepare to Take the Test?	15
2.2	What About Practice Tests?	15
2.3	How Should I Use the Diagnostic Test?	16
2.4	Where Can I Get Additional Practice?	16
2.5	General Test-Taking Suggestions	16
3.0	Diagnostic Test	18
3.1	Quantitative Sample Questions	20
3.2	Verbal Sample Questions	27
3.3	Quantitative and Verbal Answer Keys	45
3.4	Interpretive Guide	45
3.5	Quantitative Answer Explanations	46
3.6	Verbal Answer Explanations	65
4.0	Math Review	106
4.1	Arithmetic	108
4.2	Algebra	120
4.3	Geometry	127
4.4	Word Problems	140
5.0	Problem Solving	148
5.1	Test-Taking Strategies	150
5.2	The Directions	150
5.3	Sample Questions	152
5.4	Answer Key	186
5.5	Answer Explanations	188
6.0	Data Sufficiency	266
6.1	Test-Taking Strategies	268
6.2	The Directions	270
6.3	Sample Questions	272
6.4	Answer Key	289
6.5	Answer Explanations	290
7.0	Reading Comprehension	352
7.1	What Is Measured	354
7.2	Test-Taking Strategies	356
7.3	The Directions	357
7.4	Sample Questions	358
7.5	Answer Key	408
7.6	Answer Explanations	409

8.0	Critical Reasoning	482
8.1	What Is Measured	484
8.2	Test-Taking Strategies	484
8.3	The Directions	485
8.4	Sample Questions	486
8.5	Answer Key	525
8.6	Answer Explanations	526
9.0	Sentence Correction	650
9.1	Basic English Grammar Rules	651
9.2	Study Suggestions	656
9.3	What Is Measured	656
9.4	Test-Taking Strategies	656
9.5	The Directions	657
9.6	Sample Questions	658
9.7	Answer Key	684
9.8	Answer Explanations	685
10.0	Analytical Writing Assessment	758
10.1	What Is Measured	759
10.2	Test-Taking Strategies	760
10.3	The Directions	761
10.4	GMAT® Scoring Guide: Analysis of an Issue	762
10.5	Sample: Analysis of an Issue	764
10.6	Analysis of an Issue Sample Topics	769
10.7	GMAT® Scoring Guide: Analysis of an Argument	790
10.8	Sample: Analysis of an Argument	792
10.9	Analysis of an Argument Sample Topics	796
Appendix A	Percentile Ranking Tables	828
Appendix B	Answer Sheets	834
	Diagnostic Answer Sheet	835
	Problem Solving Answer Sheet	836
	Data Sufficiency Answer Sheet	837
	Reading Comprehension Answer Sheet	838
	Critical Reasoning Answer Sheet	839
	Sentence Correction Answer Sheet	840

Dear Future Business Leader,

By using this book to prepare for the GMAT® test, you are taking a very important step toward gaining admission to a high-quality business or management program and achieving a rewarding career in management. I applaud your decision.

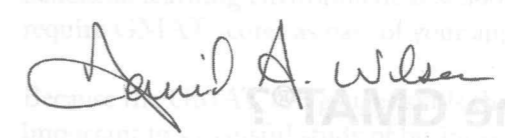
The Graduate Management Admission Council® developed the GMAT test more than 50 years ago to help leading graduate schools of business and management choose the applicants who best suit their programs. Today, the test is used by more than 1,800 graduate programs and is given to test takers daily in more than 110 countries around the world. Programs that use GMAT scores in selective admissions have helped establish the MBA degree as a hallmark of excellence worldwide.

Why do GMAT scores matter so much? Other admissions factors—such as work experience, grades, admissions essays, and interviews—can say something about who you are and what you have done in your career, but only your GMAT scores can tell schools how you are likely to perform academically in the business school courses that are fundamental to the MBA degree. In fact, the test has been proven reliable as a predictor of academic performance for more than half a century.

In other words, business schools that require you to take the GMAT really care about the quality of their student body. And excellent MBA students mean a stronger MBA program, a more enriching learning environment, and a more valuable degree for you to take into the business world. By enrolling in a school that uses the GMAT test for your graduate business degree, you will maximize the value of your degree, and that value will pay off in many ways, throughout your career.

I wish you great success in preparing for this important next step in your professional education, and I wish you a very rewarding management career.

Sincerely



David A. Wilson
 President and CEO
 Graduate Management Admission Council®

FACT

1.0

Very few people get very high scores.