

# MCGRAW HILL ACCOUNTING TEST BANK ANSWERS Manual

**mcgraw hill accounting test bank answers** have become an essential resource for students, educators, and accounting professionals aiming to excel in their coursework and certifications. As one of the leading providers of educational materials in the field of accounting, McGraw Hill offers comprehensive test banks designed to assist learners in understanding complex concepts, preparing for exams, and reinforcing their knowledge. However, acquiring accurate and reliable answers from these test banks can be challenging, which has led many to seek out solutions online. In this article, we delve into everything you need to know about McGraw Hill accounting test bank answers, how to access them ethically, and how they can enhance your learning experience.

## Understanding McGraw Hill Accounting Test Banks

### What Are Test Banks?

Test banks are supplementary educational resources provided by publishers like McGraw Hill to accompany textbooks. They contain a collection of questions, exercises, and answers designed to test students' understanding of the material. These resources are often used by instructors to create quizzes, exams, and practice tests.

### Contents of McGraw Hill Accounting Test Banks

McGraw Hill accounting test banks typically include:

- Multiple-choice questions
- True/False questions
- Short-answer questions
- Problem-solving exercises
- Case studies and scenarios

The goal is to provide a broad spectrum of questions that reflect the content and difficulty level of the textbook chapters.

## Why Students Seek McGraw Hill Accounting Test Bank Answers

Students often look for answers to:

- Save time during exam preparation
- Ensure they understand key concepts
- Practice effectively before tests
- Gain confidence in their knowledge
- Seek quick solutions to complex problems

While using these answers can be beneficial as a study aid, reliance without proper understanding can hinder long-term learning and mastery of accounting principles.

## **Legitimate Ways to Access McGraw Hill Accounting Test Bank Answers**

### **1. Purchase or Subscription**

The most straightforward and ethical way to access accurate answers is through authorized purchase or subscription:

- Instructor Access: Educators often purchase instructor licenses to access and assign test banks to students.
- Student Access: Some courses include access to test banks as part of the textbook package or via the McGraw Hill platform.
- Official Platforms: Use authorized websites like McGraw Hill's Connect platform or the publisher's online resources.

### **2. University and Library Resources**

Many academic institutions provide students with access to test banks through:

- University library resources
- Course management systems like Canvas or Blackboard
- Campus-sponsored subscriptions

### **3. Study Groups and Peer Collaboration**

Forming study groups can facilitate collective learning, where peers share insights and solutions based on legitimate resources.

### **4. Hiring Tutors or Academic Support**

Engaging with qualified tutors or academic support services can help clarify doubts and reinforce understanding without relying solely on answer keys.

## **Risks of Using Unauthorized or Unverified McGraw Hill Test Bank Answers**

### **1. Academic Integrity Violations**

Using unauthorized answer sources can be considered cheating, risking disciplinary action, suspension, or expulsion.

### **2. Misinformation and Inaccuracy**

Unverified answer keys may contain errors, leading to misunderstandings and incorrect knowledge.

### **3. Lack of Genuine Learning**

Relying solely on answer keys discourages active learning and critical thinking, which are vital for mastering accounting principles.

### **4. Legal Implications**

Accessing or distributing copyrighted material without permission can have legal consequences.

## **How to Effectively Use McGraw Hill Test Banks for Learning**

### **1. Use as a Practice Tool**

Instead of copying answers, attempt questions on your own first, then use the test bank to verify your solutions.

### **2. Focus on Understanding Explanations**

Many test banks include explanations for answers?use these to deepen your comprehension.

### **3. Identify Weak Areas**

Review questions you find difficult to identify topics that require further study.

### **4. Create Personalized Quizzes**

Use test bank questions to generate practice quizzes tailored to your learning needs.

## 5. Collaborate with Peers

Discuss challenging questions with classmates to gain diverse perspectives and insights.

## Key Points to Remember When Accessing McGraw Hill Accounting Resources

- Always prioritize authorized and legal access methods.
- Use test banks ethically to supplement active learning.
- Don't rely solely on answers; focus on understanding concepts.
- Seek help from instructors or tutors for difficult topics.
- Combine multiple study methods: practice questions, reading, and discussion.

## Conclusion: Making the Most of McGraw Hill Accounting Test Banks

McGraw Hill accounting test bank answers can be powerful tools when used responsibly. They offer an excellent way to reinforce learning, prepare for exams, and assess your understanding of accounting principles. However, it's crucial to access these resources through legitimate channels and to approach them as aids rather than shortcuts. Developing a solid grasp of accounting concepts requires active engagement, consistent practice, and ethical study habits. By integrating authorized test bank questions into your study routine and focusing on genuine comprehension, you can enhance your academic performance and build a strong foundation for your accounting career.

Remember: The true value of educational resources lies in learning and understanding. Use McGraw Hill accounting test banks wisely to support your journey toward accounting mastery.

McGraw Hill Accounting Test Bank Answers have become a vital resource for students and instructors seeking to enhance their understanding of accounting principles and improve academic performance. As one of the leading providers of educational materials, McGraw Hill offers comprehensive test banks that accompany their textbooks, providing a wide array of questions and answers designed to reinforce learning, prepare for exams, and facilitate effective teaching. This review explores the features, benefits, limitations, and best practices associated with McGraw Hill accounting test bank answers, offering insights into how they can be utilized effectively within academic settings.

## Understanding McGraw Hill Accounting Test Banks

The McGraw Hill accounting test bank is an extensive collection of exam questions, quizzes, and

practice problems aligned with specific accounting textbooks. These test banks serve as a supplemental resource that teachers and students can leverage to assess comprehension, identify weak areas, and simulate real exam conditions.

## Features of McGraw Hill Accounting Test Banks

- Comprehensive Question Bank: Contains hundreds to thousands of questions covering all chapters and topics within a textbook.
- Variety of Question Types: Multiple choice, true/false, short answer, essay, and problem-solving questions tailored to different learning styles.
- Answer Key and Explanations: Provides correct answers and detailed explanations to enhance understanding.
- Customization: Allows instructors to select questions based on difficulty level, topic focus, or question type for tailored assessments.
- Digital Integration: Compatible with Learning Management Systems (LMS) such as Blackboard, Canvas, and Moodle for seamless online testing.

## Pros and Cons of Using McGraw Hill Test Banks

### Pros:

- Time-efficient preparation: Ready-made questions save instructors significant time in creating assessments.
- Aligned with textbooks: Ensures consistency between instructional content and assessment materials.
- Enhanced student engagement: Offers varied question formats to keep students engaged.
- Immediate feedback: Facilitates quick grading and feedback, especially when integrated with LMS.
- Supports active learning: Enables practice tests and quizzes to reinforce concepts outside of class.

### Cons:

- Potential for over-reliance: Students might focus solely on question banks rather than understanding core concepts.
- Limited originality: Pre-made questions may lack diversity or originality over time.
- Accessibility concerns: Some resources may require specific subscriptions or licenses.
- Risk of academic dishonesty: Easy access to answers might tempt some students to misuse the

materials.

- Cost considerations: Institutional or individual licensing fees can be expensive.

## Effectiveness of McGraw Hill Accounting Test Bank Answers

The effectiveness of these test banks largely depends on how they are integrated into the learning process. When used appropriately, they can substantially boost student comprehension and confidence.

### Advantages in Educational Settings

- Reinforces Learning: Repeated practice with test bank questions helps solidify understanding of accounting principles.
- Prepares for Real Exams: Simulating exam conditions with similar types of questions improves test-taking skills.
- Identifies Gaps in Knowledge: Detailed answer explanations help students understand mistakes and clarify misconceptions.
- Supports Differentiated Instruction: Instructors can tailor assessments to match student proficiency levels.

### Limitations and Challenges

- Question Similarity: Overuse can lead to rote memorization rather than genuine understanding.
- Lack of Critical Thinking: Some questions may focus on recall rather than higher-order thinking skills.
- Dependence on Provided Answers: Students may rely heavily on answer keys without engaging deeply with the material.
- Potential for Academic Integrity Issues: Easy access to answers might compromise assessment integrity if not monitored properly.

## Best Practices for Utilizing McGraw Hill Accounting Test Bank Answers

Maximizing the benefits of these test banks involves strategic implementation.

### For Instructors

- Use as a Supplement, Not a Replacement: Combine test bank questions with original problem

sets, case studies, and discussions.

- Customize Assessments: Select questions that challenge students' critical thinking and application skills.
- Encourage Reflection: Use answer explanations as teaching moments to deepen understanding.
- Monitor for Over-reliance: Ensure students develop problem-solving skills beyond rote memorization.
- Maintain Academic Integrity: Use proctoring tools and honor codes to prevent misuse.

## For Students

- Practice Actively: Use test bank questions to test understanding, not just for answer memorization.
- Review Explanations Thoroughly: Understand the reasoning behind each answer to reinforce learning.
- Use as Self-Assessment: Identify weak areas and focus additional study efforts accordingly.
- Avoid Cheating Temptations: Use the resources ethically to enhance learning rather than bypass understanding.

## Legal and Ethical Considerations

While McGraw Hill provides official test banks and answer keys, it is critical to adhere to ethical standards when using these materials.

- Authorized Access: Only use test banks provided through legitimate channels, such as instructor access or authorized student resources.
- Respect Copyright: Avoid sharing answer keys publicly or distributing them illegally.
- Promote Integrity: Use test bank resources to support honest learning and assessment practices.

## Conclusion

McGraw Hill accounting test bank answers serve as a powerful tool for both educators and students aiming to deepen their understanding of accounting concepts and improve academic outcomes. Their extensive question pools, detailed answer explanations, and integration capabilities make them valuable assets in modern accounting education. However, their effectiveness hinges on responsible and strategic use. When incorporated thoughtfully, these resources can foster critical thinking, provide meaningful practice, and streamline assessment processes, ultimately contributing to a more engaging and effective learning environment. As with any educational resource, it is

essential to balance the use of test banks with foundational learning, ethical practices, and a focus on developing genuine understanding of accounting principles.

**QuestionAnswer** What is the best way to access McGraw Hill accounting test bank answers for exam preparation? The most reliable way is through authorized access provided by your educational institution or purchasing the test bank directly from McGraw Hill's official platform. Avoid third-party sites to ensure accuracy and legality. Are McGraw Hill accounting test bank answers available for free online? Generally, official McGraw Hill test bank answers are not available for free and are protected by copyright. Accessing them through legitimate channels is recommended to ensure integrity and accuracy. Can using McGraw Hill accounting test bank answers improve my exam scores? While practicing with test bank questions can help reinforce concepts, relying solely on answers without understanding the material may not lead to long-term success. Use them as supplementary study tools alongside your coursework. How can students ensure they are using McGraw Hill accounting test bank answers ethically? Students should use test banks only for practice and study purposes, not for cheating. Always adhere to your institution's academic integrity policies and seek permission if required. Are there any risks associated with using unauthorized McGraw Hill accounting test bank answers? Yes, using unauthorized or pirated answers can lead to academic penalties, damage your reputation, and compromise your learning process. It's best to use legitimate resources and focus on understanding the content. What alternative resources can help me prepare for my accounting tests besides McGraw Hill test bank answers? Consider using instructor-provided study guides, online tutorials, practice quizzes, study groups, and official textbooks to prepare effectively and ethically for your exams.

**Related keywords:** McGraw Hill, accounting test bank, answers, solutions, practice questions, exam prep, accounting textbook, test bank solutions, student resources, accounting homework help

## Microsoft test manager tutorial

### **Microsoft Test Manager Tutorial:** A Comprehensive Guide to Efficient Test Management

In the world of software development, ensuring the quality and reliability of your applications is paramount. Microsoft Test Manager (MTM) is a powerful tool designed to streamline the testing process, enabling teams to plan, execute, and track testing efforts with ease. Whether you're a beginner or looking to enhance your testing workflows, this **Microsoft Test Manager tutorial** will provide you with a step-by-step guide to harnessing MTM's full potential for your projects.

## Understanding Microsoft Test Manager

Before diving into the tutorial, it's essential to grasp what Microsoft Test Manager is and how it integrates into the broader Visual Studio ecosystem.

## What is Microsoft Test Manager?

Microsoft Test Manager is a test management tool integrated with Visual Studio Team Services (VSTS) and Azure DevOps. It provides an intuitive interface for managing test plans, creating and executing test cases, and tracking testing progress. MTM supports both manual and exploratory testing, making it versatile for various testing scenarios.

## Key Features of Microsoft Test Manager

- Test Planning: Create and organize test plans, test suites, and test cases.
- Test Execution: Execute manual tests and record results efficiently.
- Test Tracking: Monitor testing progress and generate detailed reports.
- Exploratory Testing: Conduct ad-hoc testing sessions with session-based testing capabilities.
- Integration: Seamlessly connects with Azure DevOps for continuous testing workflows.

## Setting Up Microsoft Test Manager

Getting started with MTM involves installing and configuring the tool for your environment.

### Prerequisites

- Visual Studio Enterprise or Professional edition (with test management features).
- Azure DevOps account or TFS (Team Foundation Server) setup.
- Appropriate permissions to access test management features.

## Installing Microsoft Test Manager

- Download the Visual Studio Installer from the official Microsoft website.
- Choose the edition that includes testing tools (e.g., Visual Studio Enterprise).
- During installation, select the "Testing Tools" workload to install MTM.
- Complete the installation and launch Visual Studio.
- Connect to your Azure DevOps project or TFS server within Visual Studio.

## Creating and Managing Test Plans

A well-structured test plan is the foundation of successful testing. MTM simplifies organizing your testing efforts through test plans and suites.

## Creating a Test Plan

- Open Microsoft Test Manager from Visual Studio or the Azure DevOps portal.
- Navigate to the "Test Plans" section.
- Click "New Test Plan" and provide a descriptive name, description, and start/end dates.
- Associate the test plan with a specific build or release if needed.
- Save the test plan to begin adding test cases.

## Organizing Test Suites

Test suites help categorize test cases based on features, modules, or testing strategies.

- **Static Test Suites:** Manually organize test cases into logical groups.
- **Requirement-Based Test Suites:** Link test cases to specific requirements or user stories.
- **Query-Based Test Suites:** Dynamically generate test cases based on queries.

## Adding Test Cases

- Within your test suite, click "New Test Case" or import existing cases.
- Define the test case steps, expected results, and associated requirements.
- Assign priority, owner, and other metadata to facilitate management.
- Save the test case to include it in your suite.

## Executing Tests with Microsoft Test Manager

Once your test cases are organized, the next step is executing tests and recording results.

### Manual Test Execution

- Open the test plan and select the test suite to execute.
- Click "Run" on the test case you wish to execute.
- Follow the test steps as documented, marking each step as "Passed" or "Failed."
- If a test fails, record detailed bug information directly from the test runner.
- Complete the test run, and the results will be saved automatically.

## Using Action Recording and Data Collection

MTM allows capturing detailed logs and screenshots during test execution, aiding in defect analysis and reproducibility.

## Exploratory Testing

For ad-hoc testing, MTM offers session-based testing:

- Schedule a testing session with session details.
- Conduct testing while documenting observations and findings.
- Record bugs and issues discovered during the session.

## Tracking and Reporting Testing Progress

Effective test management requires insight into testing status and quality metrics.

## Monitoring Test Results

- Navigate to the "Test Results" section in MTM or Azure DevOps.
- Review individual test case outcomes and overall progress.
- Filter results by tester, status, or test plan for detailed analysis.

## Generating Reports

MTM provides various built-in reports to visualize testing status:

- Test Results Summary
- Test Case Progress and Trends
- Bugs and Defects Reports

## Integrating with Bug Tracking

During testing, bugs can be logged directly from MTM, linked to specific failed test cases, ensuring traceability and quick resolution.

## Advanced Tips and Best Practices

Maximize your testing efficiency with these expert tips:

## Automate Repetitive Tests

Integrate MTM with automated testing frameworks like MSTest, NUnit, or Selenium to run automated tests alongside manual efforts.

## Maintain Test Cases Regularly

Keep your test cases updated with application changes to ensure relevance and accuracy.

## Use Tags and Filters

Leverage tags and filters to quickly locate and execute specific test cases based on criteria like priority, feature, or owner.

## Collaborate Effectively

Encourage team collaboration by sharing test plans and results, and conducting regular review meetings to discuss testing progress.

## Conclusion

Microsoft Test Manager is an essential tool for teams aiming to implement structured and efficient testing workflows. From creating comprehensive test plans and organizing test suites to executing tests and tracking outcomes, MTM provides a centralized platform that enhances test visibility and quality assurance. By following this **Microsoft Test Manager tutorial**, you can streamline your testing process, improve defect detection, and deliver higher-quality software products. Remember to stay updated with the latest features and best practices to maximize your testing success with MTM.

Microsoft Test Manager tutorial: A Comprehensive Guide to Streamlining Your Testing Process

Microsoft Test Manager (MTM) is a powerful tool integrated within the Azure DevOps suite, designed to facilitate efficient test planning, management, and execution. Whether you are a QA professional, a developer, or a project manager, mastering MTM can significantly enhance your testing workflows, improve defect detection rates, and ensure higher quality software releases. This tutorial aims to provide an in-depth overview of Microsoft Test Manager, guiding you through its features, setup, best practices, and real-world applications.

Introduction to Microsoft Test Manager

Microsoft Test Manager is a dedicated testing management environment that helps teams plan, execute, and track testing activities seamlessly. Originally part of Visual Studio Test Professional, MTM is now integrated within Azure DevOps, offering a unified platform for Agile testing, exploratory testing, and manual test case management.

### Key Features of Microsoft Test Manager

- Test Planning: Create and organize test plans, test suites, and test cases.
- Test Execution: Run manual tests, record results, and capture screenshots.
- Test Management: Track defects, manage test configurations, and generate reports.
- Integration: Seamlessly connect with Azure DevOps for continuous integration and automated testing workflows.
- Exploratory Testing: Record exploratory sessions with detailed notes and recordings.

### Setting Up Microsoft Test Manager

Before diving into testing, proper setup of MTM is essential.

#### Prerequisites

- A valid Azure DevOps account with appropriate permissions.
- Installed Visual Studio Test Professional or access via Azure DevOps.
- Access to a test environment or lab machines.

### Installation and Configuration

- Download and Install: Download Microsoft Test Manager from the Visual Studio downloads page or via Azure DevOps.
- Connect to Azure DevOps: Launch MTM and connect it to your Azure DevOps project by signing in with your credentials.
- Configure Test Environments: Set up test machines, configurations, and network environments to align with your testing needs.

### Tips for Effective Setup

- Organize your test plans hierarchically for easier management.
- Maintain a clear mapping between test environments and real-world configurations.

- Regularly update test artifacts to ensure they reflect current application versions.

## Creating and Managing Test Plans

Test planning is the foundation of effective testing.

### Creating a Test Plan

- In MTM, navigate to the "Test Plans" section.
- Click "New Test Plan" and provide a descriptive name, start/end dates, and any relevant details.
- Assign ownership and stakeholders.

### Organizing Test Suites

- Static Test Suites: Manually added test cases grouped logically.
- Requirement-based Suites: Linked to user stories or requirements for traceability.
- Query-based Suites: Dynamic grouping based on queries.

### Best Practices

- Break down large test plans into smaller, manageable suites.
- Link test cases to user stories or bugs for better traceability.
- Regularly review and update test plans to reflect current project scope.

## Designing and Managing Test Cases

Creating effective test cases is critical to uncovering defects early.

### Writing Test Cases

- Clear, concise steps with expected results.
- Use descriptive titles and tags for easy filtering.
- Include preconditions and postconditions.

### Reusing Test Cases

- Modularize test steps for reuse across different test cases.
- Attach relevant documentation, screenshots, or scripts.

### Organizing Test Cases

- Group related test cases into shared test suites.
- Use labels and tags for categorization.

### Tips for Effective Test Cases

- Prioritize test cases based on risk and impact.
- Keep test cases up-to-date with application changes.
- Incorporate exploratory testing notes within test cases or as separate sessions.

### Test Execution and Result Recording

Executing tests efficiently and accurately recording results is vital.

### Running Manual Tests

- Select a test case from your test suite.
- Follow each step, observing the actual behavior.
- Record outcomes: Passed, Failed, Blocked, or Not Applicable.
- Capture screenshots or record videos if needed.

### Recording Defects

- Link defects directly to failed test cases.
- Provide detailed descriptions, steps to reproduce, and severity.
- Attach logs or screenshots to aid debugging.

### Managing Test Runs

- Use test configurations to run multiple test cases under different environments.
- Schedule and assign test runs to team members.
- Monitor real-time progress and results.

## Pros and Cons of Test Execution Features

### Pros:

- Streamlined process for manual testing.
- Rich media capture for detailed documentation.
- Easy defect linkage and traceability.

### Cons:

- Manual process can be time-consuming for large test suites.
- Limited automation capabilities within MTM itself.

## Integrating Automated Testing with Microsoft Test Manager

While MTM excels at manual testing, integration with automated testing frameworks enhances overall efficiency.

### Integration with Visual Studio Test Automation

- Use Visual Studio Test tools to develop automated test scripts.
- Link automated tests to test cases in MTM.
- Run automated tests as part of continuous integration pipelines.

### Benefits of Integration

- Reduces manual effort.
- Ensures consistency between manual and automated testing.
- Facilitates comprehensive test coverage.

### Limitations

- Setup can be complex for beginners.
- Requires scripting knowledge for automation.

## Reporting and Tracking

Effective reporting provides insights into testing progress and quality metrics.

### Built-in Reports

- Test Run Summary
- Test Results Trend
- Defect Status and Age
- Requirements Traceability Matrix

### Custom Reports

- Use Azure DevOps Analytics or Power BI for tailored dashboards.
- Export data for external analysis.

### Best Practices

- Regularly review reports to identify bottlenecks.
- Use metrics to prioritize testing efforts.
- Maintain up-to-date dashboards for stakeholder visibility.

### Best Practices for Using Microsoft Test Manager

- Plan Early: Incorporate testing early in the development lifecycle.
- Maintain Test Artifacts: Keep test cases and plans updated with application changes.
- Leverage Linkages: Connect requirements, test cases, defects, and build versions.
- Automate Where Possible: Use automation to handle repetitive and regression testing.
- Collaborate: Engage team members through shared test plans and results.
- Review Regularly: Conduct test reviews and retrospectives for continuous improvement.

### Common Challenges and How to Overcome Them

#### Challenge: Managing Large Test Suites

Solution: Break down into smaller, manageable suites; use query-based suites for dynamic grouping.

#### Challenge: Keeping Test Cases Up-to-date

Solution: Establish a review cycle aligned with development sprints; assign ownership.

Challenge: Integration Complexity

Solution: Invest in automation and continuous integration pipelines; use documentation and training.

Challenge: Limited Automation within MTM

Solution: Use external automation tools integrated with Azure DevOps, such as Selenium or Coded UI.

## Conclusion

Microsoft Test Manager is a robust tool that, when used effectively, can significantly boost your testing efficiency, coverage, and traceability. Its comprehensive features for test planning, execution, defect management, and reporting make it indispensable for teams adopting Agile and DevOps practices. While there are challenges, especially around automation and managing large test repositories, with proper setup, training, and best practices, MTM can become a cornerstone of your software quality assurance process.

By following this tutorial, you should now have a clear understanding of how to leverage Microsoft Test Manager to streamline your testing operations, improve collaboration, and ultimately deliver higher quality software to your users. Remember, continuous learning and adaptation are key to maximizing the benefits of MTM in your projects.

**Question** What are the main features of Microsoft Test Manager (MTM)? Microsoft Test Manager (MTM) provides features such as test planning, manual test execution, test case management, bug tracking integration, and collaboration tools to streamline the testing process within Visual Studio and Azure DevOps. **Answer** How do I create and organize test plans in Microsoft Test Manager? In MTM, you can create test plans by navigating to the 'Test Plans' hub, clicking 'New Test Plan,' and defining its name and details. You can then add test suites and test cases to organize tests based on requirements, features, or test types for better management. Can I automate tests using Microsoft Test Manager, and how is it integrated with other tools? While MTM primarily supports manual testing, it integrates seamlessly with Visual Studio and Azure DevOps, enabling automation through test scripts and frameworks like MSTest, Selenium, or CodedUI. Automated tests can be linked to test cases for comprehensive test management. What are the best practices for using Microsoft Test Manager effectively? Best practices include maintaining detailed and reusable test cases, organizing tests into logical suites, utilizing shared steps for common actions, integrating with bug tracking, and regularly updating test plans based on project changes to ensure thorough testing coverage. Is Microsoft Test Manager suitable for Agile development environments? Yes, MTM is well-suited for Agile teams as it supports iterative testing, easy

integration with Azure DevOps Agile tools, and flexible test planning, allowing teams to adapt testing activities to sprint cycles and continuous delivery workflows.

**Related keywords:** Microsoft Test Manager, TFS testing, test planning, test case management, automated testing, test execution, bug tracking, test lab management, test reporting, test automation tools

**Read the full article online:** [Microsoft Test Manager Tutorial](#)