Army basic math science test Handbook

Army Basic Math Science Test: Your Comprehensive Guide to Success

The Army Basic Math Science Test is an essential component of the military recruitment process, serving as a benchmark to assess a candidate?s foundational knowledge and skills in mathematics and science. Whether you?re aspiring to join the armed forces or seeking to enhance your understanding of these subjects, preparing effectively for this test can significantly boost your chances of success. This article provides a detailed overview of the Army Basic Math Science Test, including its structure, key topics, preparation strategies, and tips to excel.

Understanding the Army Basic Math Science Test

The Army Basic Math Science Test evaluates a candidate?s proficiency in core mathematical concepts and scientific principles. The test aims to ensure that recruits possess the necessary skills to perform basic tasks in technical and operational roles within the military.

Purpose and Importance

- Assessment of Fundamental Skills: Ensures candidates have a solid grasp of essential math and science concepts.
- Qualification for Advanced Training: Serves as a prerequisite for specialized training programs.
- Operational Readiness: Confirms that recruits can understand and interpret technical information critical to military operations.
- Career Advancement: High scores can open doors to advanced roles and leadership opportunities.

Test Format and Structure

The format of the Army Basic Math Science Test may vary slightly depending on the recruitment location or specific branch requirements, but generally includes:

- Multiple-choice questions
- Sections covering mathematics and science topics
- Timed sections to assess problem-solving speed
- Typical duration ranges from 45 to 60 minutes

Key Topics Covered in the Test

To prepare effectively, understanding the core content areas is critical. The test mainly focuses on fundamental concepts in mathematics and science.

Mathematics Topics

- Arithmetic Operations: Addition, subtraction, multiplication, division
- Fractions and Decimals: Conversion, comparison, calculation
- Percentages and Ratios: Problem-solving involving proportional relationships
- Algebra Basics: Simplifying expressions, solving for variables
- Basic Geometry: Shapes, area, perimeter, volume
- Number Properties: Prime numbers, factors, multiples, odd/even identification
- Word Problems: Applying mathematical concepts to real-world scenarios

Science Topics

- Basic Physics Principles: Force, motion, energy, simple machines
- Chemistry Fundamentals: Elements, compounds, states of matter
- Biology Basics: Human body systems, ecosystems, basic anatomy
- Scientific Method: Hypothesis formation, experimentation, analysis
- Measurement and Data Interpretation: Reading graphs, charts, tables
- Units and Conversions: Metric system, imperial units

Effective Preparation Strategies

Success in the Army Basic Math Science Test hinges on systematic preparation. Here are proven strategies to help you prepare efficiently:

1. Review Core Concepts Thoroughly

- Use textbooks or online resources to revisit fundamental topics.
- Focus on areas where you feel less confident.
- Practice with sample questions related to each topic.

2. Use Practice Tests and Sample Questions

- Simulate the test environment with timed practice sessions.
- Identify question types and patterns.
- Review explanations for both correct and incorrect answers to deepen understanding.

3. Strengthen Your Speed and Accuracy

- Practice regularly to improve problem-solving speed.
- Work on reducing errors through careful reading and calculation.
- Develop a time management plan for the actual test.

4. Study Science Concepts with Visual Aids

- Use diagrams, charts, and videos to grasp complex concepts.
- Create flashcards for quick review of key terms and formulas.

5. Join Study Groups or Classes

- Collaborative learning can enhance understanding.
- Clarify doubts with peers or instructors.
- Share tips and strategies for test-taking.

6. Use Official and Reputable Resources

- Military recruitment websites often provide sample tests.
- Educational platforms like Khan Academy, Coursera, or YouTube channels offer relevant tutorials.
- Purchase or borrow prep books specifically for military entrance exams.

Tips for Test Day

Maximizing your performance on the test day is crucial. Consider these tips:

- Get a Good Night?s Sleep: Rested minds perform better.
- Arrive Early: Allows you to settle in and reduce anxiety.
- Read Instructions Carefully: Ensures you understand each question.
- Manage Your Time: Allocate seconds per question; skip and return to difficult questions.

- Use Process of Elimination: Narrow down answer choices when uncertain.
- Stay Calm and Confident: Maintain focus and positive attitude throughout the test.

Scoring and Next Steps

The scoring criteria may vary, but generally:

- A high score indicates strong proficiency in math and science.
- Passing scores are required to qualify for enlistment or specific military roles.
- Some branches may have minimum score thresholds, so aim for a score above the standard passing mark.

After the test:

- Candidates receive their scores promptly.
- Based on results, you may proceed to the next phase of recruitment.
- Use your results to identify areas needing further improvement for future opportunities.

Conclusion

The Army Basic Math Science Test is a pivotal step in your military career journey. With dedicated preparation, an understanding of the test structure, and mastery of core topics, you can enhance your performance and open doors to exciting opportunities within the armed forces. Remember, consistent practice, strategic studying, and a confident mindset are key to achieving success. Invest time now to prepare effectively, and you'll be well on your way to fulfilling your military ambitions.

Army Basic Math Science Test: A Comprehensive Guide for Aspirants

The army basic math science test is a crucial assessment that potential recruits must pass to join the armed forces. It serves as a foundational measure of a candidate?s proficiency in essential mathematical concepts and scientific principles necessary for various roles within the military. As the backbone of many technical and non-technical positions, this test evaluates not only a candidate?s current knowledge but also their ability to analyze, reason, and apply fundamental concepts accurately and efficiently under timed conditions. In this article, we will explore the structure, content, preparation strategies, and tips to excel in the army basic math science test, equipping aspiring soldiers with the insights needed to succeed.

Understanding the Purpose and Importance of the Army Basic Math Science Test

Why It Matters

Joining the army requires more than physical fitness and discipline; it demands cognitive readiness and problem-solving skills. The math science test is designed to screen candidates for their capability to handle technical tasks, understand scientific data, and perform calculations that may be relevant in real-world scenarios such as navigation, equipment maintenance, and emergency decision-making.

The test also helps identify candidates who are prepared for advanced training or specialized roles, such as engineering, communications, or medical fields. Success in this assessment often correlates with better job performance, adaptability, and the ability to learn complex concepts quickly.

The Role in the Recruitment Process

The army?s recruitment process involves multiple stages, with the math science test serving as a pivotal point. Candidates who perform well demonstrate their readiness to undertake further training, while those who struggle may be given remedial opportunities or directed toward roles better aligned with their skill levels.

Structure and Content of the Army Basic Math Science Test

Test Format Overview

The army basic math science test typically comprises multiple-choice questions designed to assess a broad spectrum of skills. While exact formats may vary between countries and military branches, common features include:

- Number of Questions: Usually between 30 and 50 questions.
- Time Limit: Ranges from 30 to 60 minutes.
- Question Types: Multiple-choice with four options each, requiring selections based on calculations or scientific reasoning.

Core Subjects Covered

The test broadly evaluates two major domains:

- Mathematics Skills
- Basic Scientific Principles

Let's delve into each section's typical content areas:

Mathematics Section: Core Concepts and Problem-Solving Skills

Arithmetic and Number Operations

Candidates should be comfortable with fundamental operations:

- Addition, subtraction, multiplication, and division
- Fractions, decimals, and percentages
- Ratios and proportions
- Order of operations (PEMDAS/BODMAS)

Sample question:

If a soldier needs to fill a container with 3/4 gallons of water, and they use a 1/4-gallon container, how many full fills are needed?

Answer: 3 fills

Algebra and Equations

Basic algebraic concepts are often tested:

- Solving for unknowns in simple equations
- Understanding variables and constants
- Working with inequalities

Sample question:

Solve for x: 2x + 5 = 15

Answer: x = 5

Geometry and Measurement

Knowledge of shapes, sizes, and measurements is vital:

- Properties of triangles, circles, and rectangles
- Perimeter, area, and volume calculations
- Understanding angles and their measures

Sample question:

A rectangular room measures 12 meters by 9 meters. What is its area?

Answer: 108 square meters

Data Interpretation and Basic Statistics

Candidates should interpret data from charts and tables, including:

- Reading graphs
- Calculating averages and ranges
- Understanding basic probability

Sample question:

A table shows the number of soldiers in different units. Which unit has the highest number?

Scientific Principles Section: Foundational Knowledge

Basic Physics Concepts

Questions may cover:

- Force, motion, and energy
- Simple machines and mechanical advantage
- Basic understanding of electricity and magnetism

Sample question:

If a force of 10 Newtons is applied to an object, causing it to accelerate at 2 m/s^2, what is the mass of the object?

Answer: 5 kg (using F = ma)

Basic Chemistry

Fundamental chemical concepts such as:

- States of matter
- Elements and compounds
- Basic chemical reactions

Sample question:

What is the chemical formula for water?

Answer: H?O

Biology and Human Anatomy

Understanding basic biological systems:

- Human body functions
- Common diseases and health practices
- Basic anatomy (organs, tissues)

Sample question:

Which organ is primarily responsible for pumping blood throughout the body?

Answer: Heart

Preparation Strategies for the Army Basic Math Science Test

Assess Your Current Knowledge

Begin by taking a practice test to identify strengths and weaknesses. Many military recruitment websites offer sample questions and full-length practice exams.

Focus on Fundamental Concepts

Since the test emphasizes basic skills, ensure mastery of:

- Arithmetic operations
- Algebraic equations
- Geometric formulas
- Scientific principles

Use textbooks, online tutorials, and mobile apps designed for basic math and science review.

Develop Efficient Test-Taking Techniques

- Practice time management to complete questions within the allotted time.
- Read questions carefully to avoid mistakes.
- Use process of elimination for uncertain answers.

Use Study Resources

- Official military recruitment guides
- Educational websites and videos
- Study groups or tutoring if needed

Maintain a Consistent Study Schedule

Regular, spaced study sessions are proven to enhance retention and understanding. Focus on areas where you feel less confident.

Tips to Excel on Test Day

- Arrive early and well-rested.
- Bring necessary materials like a calculator (if permitted), pencils, and identification.
- Read each question thoroughly before answering.
- Skip difficult questions initially and return to them later.
- Keep track of time, ensuring you have enough for all questions.

Conclusion: Achieving Success in the Army Basic Math Science Test

The army basic math science test is more than a hurdle; it?s an opportunity to demonstrate your foundational skills and readiness for military service. With targeted preparation, a clear understanding of the test structure, and strategic test-taking techniques, candidates can significantly improve their chances of success. Remember, consistent practice and confidence are key. By

mastering basic math and science principles, aspiring soldiers not only enhance their test scores but also lay a strong groundwork for future training and career advancement within the armed forces.

Embark on your preparation journey today, and move closer to fulfilling your military ambitions with confidence and competence.

QuestionAnswer What key topics are covered in the Army Basic Math Science Test? The test covers fundamental math concepts such as arithmetic, fractions, percentages, basic algebra, and science principles including physics, biology, and chemistry relevant to military applications. How can I effectively prepare for the Army Basic Math Science Test? Preparation involves reviewing basic math operations, practicing problem-solving exercises, studying science fundamentals, and taking practice tests to familiarize yourself with the question format and improve your speed. What is the passing score for the Army Basic Math Science Test? The passing score varies depending on the specific military branch and role, but generally, a minimum of 70% is required to pass. It's best to check the latest guidelines from your recruitment office. Are there any resources or study guides recommended for the Army Basic Math Science Test? Yes, official Army preparation materials, practice tests, and online educational platforms offering military-focused math and science content are highly recommended to help you prepare effectively. How long is the Army Basic Math Science Test, and what is the format? The test typically lasts around 60 to 90 minutes and consists of multiple-choice questions covering both math and science topics, designed to assess your fundamental understanding and problem-solving skills.

Related keywords: army basic math, army science test, military entrance exam, armed forces math test, military science assessment, basic training math, army aptitude test, military math practice, armed forces science exam, army test preparation

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.

QuestionAnswer 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. 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

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