



- Expert Verified, Online, **Free**.

What is one potential benefit of using a test automation tool?

- A. The quality of defects will improve
- B. Ease of access to statistics about test progress
- C. Disk space is not required to track versions of test artifacts
- D. Less network traffic generated

Correct Answer: B

🗨️ 👤 **Edith200** 6 months, 4 weeks ago

B: Test stastics are autogenerated by the tool
upvoted 2 times

🗨️ 👤 **male** 2 months ago

Hello Edith, did you pass the exam, just by studying these?
upvoted 1 times

🗨️ 👤 **41b55bf** 9 months ago

The correct potential benefit of using a test automation tool is:

B. Ease of access to statistics about test progress

Test automation tools often come with features that provide detailed reporting and analytics, making it easier to track and visualize test progress, results, and trends over time.

upvoted 3 times

🗨️ 👤 **Krth** 1 year, 2 months ago

Correct Answer: B
upvoted 1 times

🗨️ 👤 **Krth** 1 year, 2 months ago

Could anyone share your thoughts for this question?
upvoted 1 times

Which of the following is a benefit of early stakeholder feedback?

- A. It can be gathered early and then used to make changes after the product goes to production to make it more user friendly
- B. It allows the project manager to get a better view of the changes that will be needed for the next version
- C. The developers get a better understanding of what they are building
- D. The testers get a better understanding of the test automation requirements

Correct Answer: C

🗨️ 👤 **rtg2123** 1 month ago

Selected Answer: C

Frequent stakeholder feedback throughout the SDLC can prevent misunderstandings about requirements and ensure that changes to requirements are understood and implemented earlier. This helps the development team to improve their understanding of what they are building. It allows them to focus on those features that deliver the most value to the stakeholders and that have the most positive impact on identified risks.

upvoted 1 times

🗨️ 👤 **Edith200** 6 months, 4 weeks ago

The correct answer is C

upvoted 1 times

🗨️ 👤 **Krth** 1 year, 2 months ago

Correct Answer: C

upvoted 3 times

Which of the following is a good testing practice that applies regardless of the specific software development lifecycle being used?

- A. Prompt and prepared attendance to stand-up meetings
- B. Step-by-step test case documentation
- C. Ensuring there is a corresponding testing activity for every software development activity
- D. Involving the stakeholders in reviewing all acceptance criteria prior to designing test cases

Correct Answer: C

  **jame3** Highly Voted 7 months, 2 weeks ago

C

This practice ensures that all aspects of the software development process are covered by appropriate testing, helping to maintain quality and identify issues early in the development cycle. It is a fundamental principle in all development methodologies, whether it is Waterfall, Agile, DevOps, or any other lifecycle model.

upvoted 5 times

  **Edith200** Most Recent 6 months, 4 weeks ago



C is the correct a

upvoted 1 times

In an Agile development model, the completion of testing or “done” is defined by which of the following?

- A. Project management
- B. Entry criteria
- C. Exit criteria
- D. The expected test completion date

Correct Answer: *C*

  **Edith200** 6 months, 4 weeks ago

The correct answer is C
upvoted 2 times

You are testing web application software that allows a person to use their travel points to make flight and hotel reservations.

When the user logs into the software (username/password) they are presented with a set of options. From that set of options, they can pick the following:

1. View points balance
2. Make flight reservation
3. Make hotel reservation

From the login page, they can log in successfully or might fail and need to try again. Once they login successfully they can go to either the view points, flight reservation or hotel reservation page.

Which of the following is the correct list of the transitions (a transition is shown as >) that should be tested, assuming that the test ends when a reservation state is reached.

- A. Points > Reservation
- B. Login > Points, Points > Flight, Points > Hotel
- C. Login > Login, Login > Points, Login > Flight, Login > Hotel, Points > Flight, Points > Hotel
- D. Login > Login, Login > Points, Login > Flight, Login > Hotel, Flight > Hotel, Hotel > Flight, Flight > Login, Hotel > Login

Correct Answer: C

 **harshasuraweera** 2 months, 3 weeks ago

Selected Answer: C

Don't forget - software that allows a person to use their travel points to make flight and hotel reservations.

upvoted 2 times

 **Edith200** 6 months, 4 weeks ago

The anser is C:

upvoted 1 times

Which of the following is an advantage of the whole team approach?


- A. Any person in the team with the right skills can perform any task
- B. Tasks are assigned to specific team members who will own that task until completion
- C. Testers have clear ownership of quality and this eliminates confusion and overlap
- D. Business representatives are not included in the team so they can supply independent assessment during UAT

Correct Answer: A

 **harshasuraweera** 2 months, 3 weeks ago

Selected Answer: A

The whole team is responsible for the quality of the delivery
upvoted 1 times

 **shola23** 3 months, 1 week ago

Selected Answer: A

A is the correct answer. The whole team approach refers to the "quality of the software under development is everybody's responsibility" and not just the tester's.

upvoted 2 times

 **giftjenny77** 4 months, 3 weeks ago

B is the right answer

upvoted 1 times

If you are using test results to learn more about the software and are then creating additional tests based on those results, what type of testing are you doing?

- A. Exploratory
- B. Decision-based
- C. Checklist-based
- D. Control flow

Correct Answer: A

🗨️ 👤 **ebgifty** 2 weeks, 5 days ago

Selected Answer: A

Exploratory testing - random testing of the application to get the understanding of the working and to find defects without using test case steps.
upvoted 1 times

🗨️ 👤 **Edith200** 6 months, 4 weeks ago

A: In exploratory testing, you are focusing on discovering issues or verifying functionality in an ad-hoc manner rather than following predefined test cases

upvoted 2 times

You are working on calculating the estimation for a project. You have been given the following numbers by your manager, who is considered to be an expert in estimation:

Optimistic = 35 days -

Likely = 40 days -

Pessimistic = 65 days -

Apply the three-point estimation technique, what is the proper expression of the final estimate?

- A. E is 46.3 days, SD = 35
- B. E is 40 days, SD = 6.67
- C. E is 37.3 days, SD = 43.3
- D. E is 43.3 days, SD = 5

Correct Answer: D

🗨️ 👤 **Edith200** 6 months, 4 weeks ago

D is correct: $(35+(4*40)+65)/6=43.33$

$(65-35)/6=5$

upvoted 3 times

🗨️ 👤 **matace** 9 months ago

Three-point estimate = $[(O+4R+P)/6]$

In the formula, O represents the optimistic estimate, R represents the realistic estimate, and it receives a weight of 4. P is the pessimistic estimate.

upvoted 2 times

🗨️ 👤 **PAK01333** 9 months ago

$SD = L-O/6$

upvoted 1 times

🗨️ 👤 **PAK01333** 9 months ago


Sorry, it's correct . The formula is Pessimistic - Optimistic / 6

upvoted 1 times

Which black-box technique should be used to verify different responses of the system, depending on its current conditions or previous history?

- A. Use case testing
- B. Decision table testing
- C. State transition testing
- D. Equivalence partitioning

Correct Answer: C

  **rtg2123** 1 month ago

Selected Answer: C

I think C is the correct answer.

A for sure is not because is not a black box technique. D is not because it has nothing to do with the current state or history.

C seems the most suitable answer in my opinion

upvoted 2 times

  **giftjenny77** 4 months ago

A is the correct answer

upvoted 2 times

  **rtg2123** 1 month ago

use case testing is not a valid black-box technique.

The black box techniques are:

- Equivalence Partitioning
- Boundary Value Analysis
- Decision Table Testing
- State Transition Testing

upvoted 1 times

You have been given the following story:

As a help desk worker -

I want to enter a caller's birth date

So the system can display the caller's account information

As a team, you have developed the following table of acceptance criteria:

Positive	Negative	Non-Functional
Valid date / valid caller account retrieved	Valid date / no caller account found error	Usability - date format
Valid date / called account has been deleted	Invalid date / error	Performance - system responds within 2 seconds at average load
Valid date / multiple accounts retrieved	Valid date / account not retrieved due to error in account	Valid date / account not viewable by help desk worker - requires management
Leap date / valid caller account retrieved	Valid date but in wrong format / error	
Valid date / valid account but account information is very long	Attempt to retrieve account information when database is not available / error	


You have developed the following test cases and will execute them in the specified order:

1. Enter a valid date and verify that the account retrieved matches the birth date entered.
2. Enter an invalid date and verify that the error indicates the date is invalid.
3. Verify that the date prompt is already formatted for the date with xx/xx/xx format.
4. Enter a valid date and verify that two pages of account information are readable.
5. Enter a valid date and verify that the response occurs within 2 seconds when the system is under an average load.

What is incorrect about this approach?

- A. The security test case should be executed first as it is related to access control
- B. The test cases should contain all steps required for execution, including navigation information and SQL statements required to perform the verification
- C. The test cases are not being executed in the proper order
- D. The test cases do not indicate the expected result

Correct Answer: C

 **ebgifty** 2 weeks, 5 days ago

Selected Answer: C


Testcase should be executed in a proper order.

upvoted 1 times

In what way does configuration management help the tester?

- A. It verifies that the test cases are executed in the correct order
- B. It ensures that regressions do not occur
- C. It enforces proper unit testing and measurement
- D. It uniquely identifies the items to be tested

Correct Answer: *D*

  **ebgifty** 2 weeks, 5 days ago

Selected Answer: D

Configuration help to execute is a specific order mainly it helps in the pipeline
upvoted 1 times

If you are responsible for test analysis and test design what is your primary role in your team?

- A. Business analyst
- B. Test manager
- C. Developer
- D. Tester

Correct Answer: *D*



Currently there are no comments in this discussion, be the first to comment!

A functional requirement states that pressure values must always be positive and stay within a range of 100 to 200 pounds for a particular tank (100 and 200 are valid within the range).

Which of the following is the minimum set of values that would achieve coverage using the equivalence partitioning technique?

- A. A series of tests where pressure is set to 98, 110, and 201 pounds
- B. A series of tests where pressure is set to 98, 100, and 200 pounds
- C. A series of tests where pressure is set to 100, 110, and 200 pounds
- D. A series of tests where pressure is set to -1, 0, 175, and 297 pounds

Correct Answer: A

  **ebgifty** 2 weeks, 5 days ago

Selected Answer: A

Boundaries values should include lower, upper and inside values
upvoted 1 times

You have been given the following test cases for execution. You have been told that security and usability are the highest priorities respectively for this banking application. What is the proper execution order for these test cases?

1. Update a customer's account balance
2. Query a customer's account balance
3. Delete a request for a paper statement
4. Change the font size on the page to improve readability
5. Create a new payee in a customer's automatic bill pay list

- A. 3, 1, 5, 2, 4
- B. 1, 2, 5, 4, 3
- C. 1, 3, 5, 2, 4
- D. 4, 3, 1, 2, 5

Correct Answer: D

🗨️ **ChungLe** Highly Voted 8 months, 1 week ago

answer is C

upvoted 5 times

🗨️ **Siva89** Most Recent 2 months, 1 week ago

Selected Answer: C

Proper execution order:

- 1 (Update account balance): High-security priority.
- 3 (Delete a request): Also security-critical.
- 5 (Create a new payee): Security-sensitive operation.
- 2 (Query balance): Important for functionality but less critical than modifications.
- 4 (Change font size): Usability-focused, lower priority than security.

upvoted 1 times

🗨️ **rtg2123** 1 month ago

Delete a request for a paper statement is not security critical.

In my opinion B is the right answer

upvoted 1 times

🗨️ **KaterinaN** 2 months, 1 week ago

Selected Answer: B


1,2 and 5 are most related to security

upvoted 3 times

When is the detailed risk analysis for a story first conducted?

- A. Project planning
- B. Iteration planning
- C. Release planning
- D. Epic planning

Correct Answer: B

  **ebgify** 2 weeks, 5 days ago

Selected Answer: B

The correct answer is B. Iteration planning.



In Agile, detailed risk analysis for a story is typically conducted during Iteration Planning (also known as Sprint Planning), where the team breaks down the work into smaller tasks and identifies potential risks and dependencies.

upvoted 1 times

When tests are being created to achieve statement coverage, what are they exercising?

- A. Only the decisions in the code
- B. Only the loops in the code
- C. Only the executable statements in the code
- D. All lines of code including executable statements and comments

Correct Answer: C

  **ebgifty** 2 weeks, 5 days ago

Selected Answer: C

The correct answer is C. Only the executable statements in the code.

Statement coverage is a type of code coverage that measures the percentage of executable statements in the code that are exercised by the tests. It focuses on ensuring that each executable statement in the code is executed at least once during testing.

Comments and non-executable statements are not included in statement coverage analysis.



upvoted 1 times

You have just completed a retrospective at the end of a sprint. One of the developers raised an issue with defect reports not containing information about the configuration, data, and system being used when the failure occurred. When this happens, they reject the defect report and the tester has to update it and send it again. This sometimes takes three or four iterations to get all the information on the report. The test team will take this feedback and will improve the details included in the defect reports.

This is an example of which type of benefit for testing?

- A. Increased test effectiveness / efficiency
- B. Team bonding and learning
- C. Improved quality of the test basis
- D. Increased quality of the test cases

Correct Answer: A

  **ebgifty** 2 weeks, 5 days ago

Selected Answer: A

The correct answer is A. Increased test effectiveness / efficiency.

The scenario describes a process improvement that aims to reduce the number of iterations required to complete a defect report, thereby increasing the efficiency of the testing process. By including more detailed information in the defect reports, the test team can reduce the back-and-forth with the development team, saving time and effort. This is an example of increasing test efficiency.

Note that test effectiveness refers to the ability of testing to detect defects, whereas test efficiency refers to the optimal use of resources to achieve testing goals. In this case, the improvement is related to efficiency.

upvoted 1 times

  **rtg2123** 1 month ago

Selected Answer: A

Increased test effectiveness / efficiency (e.g., by implementing suggestions for process improvement)

upvoted 1 times

What is a reasonable way to control and minimize the cost of testing and development?

- A. Conduct formal reviews to detect defects as early as possible.
- B. Perform a usability analysis prior to user interface design.
- C. Automate error detection at the beginning of acceptance testing.
- D. Hire low-cost, outsourced testing staff for system testing.

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following is a technique that can be used to develop user stories in collaboration with the developers and business?

- A. DevOps
- B. CI/CD
- C. Brainstorming
- D. Equivalence Partitioning

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Which is a key function of a test management tool?

- A. Facilitates management and control of testing activities
- B. Generates test data based on test management criteria
- C. Generates detailed test specifications based on the test plan
- D. Analyzes and enforces coding and testing standards


Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following best suggests the need for maintenance testing?

- A. Failures found in alpha testing
- B. The initial release of the software
- C. Changing requirements during pre-deployment activities
- D. Adding a new feature to an existing system

Correct Answer: *D*

 **rtg2123** 1 month ago

Selected Answer: *D*

The triggers for maintenance and maintenance testing can be classified as follows:

- Modifications, such as planned enhancements (i.e., release-based), corrective changes or hot fixes.
- Upgrades or migrations of the operational environment, such as from one platform to another, which can require tests associated with the new environment as well as of the changed software, or tests of data conversion when data from another application is migrated into the system being maintained.
- Retirement, such as when an application reaches the end of its life. When a system is retired, this can require testing of data archiving if long data retention periods are required. Testing of restore and retrieval procedures after archiving may also be needed in the event that certain data is required during the archiving period.

upvoted 2 times

Which of the following should you review using static testing?

- A. Memory leak during execution
- B. Performance of a module under load
- C. Interactive output from a debugger
- D. Test plan

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is supported by good information traceability?

- A. Portability of test automation code
- B. Understandability of test reports
- C. Dependability of test environments
- D. Stability of the system under test

Correct Answer: B

  **rtg2123** 1 month ago

Selected Answer: B

Test reporting summarizes and communicates test information during and after testing. Test progress reports support the ongoing test control and must provide enough information to make modifications to the test schedule, resources, or test plan, when such changes are needed due to deviation from the plan or changed circumstances.

upvoted 1 times

Which of the following is a methodical approach to error guessing?

- A. Create a list of possible failures and defects and design tests to address each one
- B. Ask the developers where the likely errors will be and discuss how to test for each one
- C. Review the code to determine areas of high complexity and target those areas with tests
- D. Determine all the decisions in the code and design tests to address each one

Correct Answer: A

  **rtg2123** 1 month ago

Selected Answer: A

Fault attacks are a way to implement error guessing. This test technique requires the tester to create or acquire a list of possible errors, defects and failures, and to design tests that will identify defects associated with the errors, expose the defects, or cause the failures. These lists can be built based on experience, defect and failure data, or from common knowledge about why software fails.

upvoted 1 times

Given the following requirement:

The system shall compute the car's position using the following equation: $\text{new_distance_traveled} + \text{old_position}$

Which type of testing should be implemented to help ensure this requirement is met?

- A. Functional
- B. Reliability
- C. Performance
- D. Maintainability

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

How is branch coverage determined?

- A. By taking the number of branches in the code that have been tested and dividing that by the number of total branches in the code
- B. By taking the number of branches in the code on one path that has been tested and dividing that number by the total paths through the code
- C. By taking the number of statements in the code and dividing those by the number of branches that have been tested
- D. By counting the number of branches in the code that have been tested

Correct Answer: A

  **rtg2123** 1 month ago

Selected Answer: A

Coverage is measured as the number of branches exercised by the test cases divided by the total number of branches and is expressed as a percentage.

upvoted 1 times

You are using boundary value analysis to determine your test data.

What values should you use to test a routine that requires an integer input (x) to be greater than zero and less than 100 to achieve 100% minimum coverage using the two-point boundary value analysis technique?

- A. 0, 100
- B. -1, 1, 99, 101
- C. 0, 1, 99, 100
- D. -1, 0, 1, 99, 100, 101

Correct Answer: B

 **user2524241** Highly Voted 11 months, 3 weeks ago

Can somebody explain this answer? Given that "In 2-value BVA (Craig 2002, Myers 2011), for each boundary value there are two coverage items: this

boundary value and its closest neighbor belonging to the adjacent partition. To achieve 100% coverage with 2-value BVA, test cases must exercise all coverage items, i.e., all identified boundary values.

Coverage is measured as the number of boundary values that were exercised, divided by the total

number of identified boundary values, and is expressed as a percentage." it seems like it should be 0, 1, 99, 100 by the options given..

upvoted 17 times

 **rajats009** Most Recent 1 month, 1 week ago

Selected Answer: C

Invalid range- 0 -> test values: 0

Valid range 1 - 99 -> Test values 0,1, 99, 100

Invalid range 100 to inf -> test values: 99, 100

to sum up: 0,1,99,100

upvoted 1 times

 **elen4eabv** 8 months ago

I thin the answer is C

Invalid range- 0 -> test values: 0

Valid range 1 - 99 -> Test values 0,1, 99, 100

Invalid range 100 to inf -> test values: 99, 100

to sum up: 0,1,99,100

C has all there values, nothing more nothing less

upvoted 3 times

You are working with a geographically and time zone distributed team. It is important that the entire team always have access to the latest test execution information. Which of these is the most appropriate method for communicating that status?

- A. Daily stand-up meetings with everyone
- B. Dashboards connected to the test management and defect management systems that automatically update when a change is made
- C. Email sent out hourly to all team members with red text for any new issues with a "must read" note in the subject line
- D. Formal test reports issued each week with trend charts and residual defect status information

Correct Answer: B

  **LEARNTOEARN** 1 week, 4 days ago

Selected Answer: B

Correct Answer: B

upvoted 1 times

During which activity in the review process are the quality characteristics selected for evaluation?

- A. Initiating
- B. Planning
- C. Analysis
- D. Fixing

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which testing principle provides a good reason to base testing upon risk mitigation priorities?

- A. Testing shows the presence of defects
- B. Exhaustive testing is impossible
- C. Tests wear out
- D. Defects tend to cluster in a few modules


Correct Answer: B

 **elen4eabv** 8 months ago

Can someone explain the answer?

For me D is more logical answer since it more closely explains the need for focusing testing efforts on areas where the potential impact of defects is highest, thus aligning with risk mitigation priorities.

upvoted 2 times

 **MARIAPITA** 4 months, 1 week ago

D. Defects Tend to Cluster in a Few Modules: While this principle is related to focusing testing efforts on modules where defects are more likely to be found, it is a specific manifestation of the broader concept that exhaustive testing is not feasible, and thus, testing should be prioritised based on risk.

So, both principles support the idea of prioritising testing based on risk, though they do so from slightly different perspectives. The principle that exhaustive testing is impossible highlights that we cannot test everything due to time, resource, and practical limitations. This limitation leads us to prioritise testing based on risk mitigation. By focusing on the highest-risk areas first, we can ensure that testing efforts are concentrated on the most critical parts of the application, helping to uncover potential defects more effectively in these key areas.

upvoted 1 times

Which of the following is a correct statement regarding Quadrant Q2 of the testing quadrants?

- A. It is technology facing, supports the team, and contains component and component integration tests
- B. It is business facing, critiques the product, and contains exploratory and usability testing
- C. It is technology facing, critiques the product, and contains the smoke tests and performance tests
- D. It is business facing, supports the team, and contains functional tests and API tests

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following provides two defined risk response actions to help control product risk?

- A. Deny risk, Mitigate risk by testing
- B. Accept risk, Abandon risk
- C. Abandon risk, Delay risk
- D. Transfer risk, Accept risk

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Your company has been working in a waterfall lifecycle model. They have now decided to implement DevOps and will be using CI/CD. Which of the following is a change that will be required from the testing team?

- A. No change is required. The current approach will still be applicable.
- B. There will be additional emphasis on test automation to supply continuous testing.
- C. Additional time will be needed to analyze the requirements and design test cases.
- D. There will be a need for less technical testers because the developers will handle all the technical testing.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Testing can be seen as a destructive activity. Which of the following generic skills will help a tester overcome this barrier?

- A. Analytical thinking
- B. Communicating with empathy
- C. Curiosity
- D. Tool knowledge

Correct Answer: B

🗨️ 👤 **Shaker95** 4 months, 3 weeks ago

B is correct because page ' 21 of 74' found in 'https://sastqb.org.za/wp-content/uploads/2023/05/ISTQB-CTFL_Syllabus_v4.0.pdf' states " Some people may perceive testing as a destructive activity, even though it contributes greatly to project success and product quality. To try to improve this view, information about defects and failures should be communicated in a constructive way"

upvoted 2 times

🗨️ 👤 **ItumelengMashao** 5 months, 1 week ago

I think answer should be A

upvoted 1 times

If a developer is analyzing a failure to determine the cause, he is engaging in what type of activity?

- A. Testing
- B. Design and Analysis
- C. Debugging
- D. Configuration management

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

If test cases are written in the given/when/then format, what type of test-first software development is being used?

- A. Test-driven development
- B. Acceptance test-driven development
- C. Business-driven development
- D. Behavior-driven development

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is a valid test objective?

- A. Finding the stable areas of the code which do not require testing
- B. Debugging incidents to determine the cause of the problem
- C. Finding failures and defects in the test object
- D. Participating in code reviews to improve scripting skills

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

You are a functional tester, performing system testing of a flight reservation application. After logging into the system, you selected the "New Reservation" option on the main menu, and clicked the "Submit" button without making any changes to the default values on the screen. The system charged your test credit card for \$523.00 instead of the expected \$1046.00. This happens every time you execute the test case. You are entering a defect into your system, and submitting it to development for correction. Your defect report currently includes:

The date of the incident -

The identity of the tester who discovered the incident

The steps executed to cause the incident, noting 100% reproducibility

The impact on the system and the priority of the defect

The expected and actual results -

What information is missing from this defect report?

- A. The test environment in which the test was executed
- B. Test case expected results
- C. The name of the developer who should have caught their error in unit testing
- D. Frequency of occurrence

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following is an example of a test work product?

- A. Test plan
- B. Test platform selection
- C. Code base
- D. Test tool selection

Correct Answer: A -

Currently there are no comments in this discussion, be the first to comment!

You are getting ready to test software that will be used to dispatch spa pool technicians. You have decided to use a decision table to determine when chemicals will be needed and when maintenance functions should be performed. You have been given the following requirements:

1. Spa pools need chemicals checked and added once a week.
2. Spa pool filters must be cleaned once a month.
3. Technicians should add chemicals and clean filters for an emergency maintenance call.

You have created the conditions part of the decision table:

Condition	1	2	3	4	5	6	7	8
Weekly maintenance	T	T	T	T	F	F	F	F
Monthly maintenance	T	T	F	F	T	T	F	F
Emergency maintenance	T	F	T	F	T	F	T	F

Given this information, which of the following is the correct set of actions indicated by this decision table?

Nothing needed								X
1. Add Chemicals	X	X	X	X	X	X	X	
Change Filter	X	X	X		X	X	X	

2. Perform weekly	X	X	X	X				
Perform monthly	X	X			X	X		

3. Perform weekly	X	X	X	X				
Perform monthly	X	X			X	X		
Perform emergency	X		X		X		X	

4. Nothing needed	X							X
Add chemicals	X		X		X		X	
Change filter	X	X		X	X	X	X	

- A. 1 is correct
 B. 2 is correct
 C. 3 is correct
 D. 4 is correct

Suggested Answer: B

Community vote distribution

C (100%)

2d4e87d 1 week, 3 days ago

Selected Answer: C

I think it is more covered all decision of the table, are you agree?

upvoted 1 times

You have been given the following story:

As a help desk worker -

I want to enter a caller's birth date

So the system can display the caller's account information

As a team, you have developed the following table of acceptance criteria:

Positive	Negative	Non-Functional
Valid date / valid caller account retrieved	Valid date / no caller account found error	Usability - date format
Valid date / called account has been deleted	Invalid date / error	Performance - system responds within 2 seconds at average load
Valid date / multiple accounts retrieved	Valid date / account not retrieved due to error in account	Valid date / account not viewable by help desk worker - requires management
Leap date / valid caller account retrieved	Valid date but in wrong format / error	
Valid date / valid account but account information is very long	Attempt to retrieve account information when database is not available / error	

You have developed the following test cases and will execute them in the specified order:

1. Enter a valid date and verify that the account retrieved matches the birth date entered.
2. Enter an invalid date and verify that the error indicates the date is invalid.
3. Verify that the date prompt is already formatted for the date with xx/xx/xx format.
4. Enter a valid date and verify that two pages of account information are readable.
5. Enter a valid date and verify that the response occurs within 2 seconds when the system is under an average load.

What is incorrect about this approach?

- A. The security test case should be executed first as it is related to access control
- B. The test cases are not accepting the test criteria
- C. The test cases are not being executed in the proper order
- D. The test cases do not indicate the expected result

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!

Which of the following provides two defined risk response actions to help control product risk?

- A. Deny risk, Cancel risk
- B. Accept risk, Abandon risk
- C. Abandon risk, Delay risk
- D. Transfer risk, Accept risk

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A typical objective of testing is to:

- A. Determine the most appropriate level of detail with which to design test cases.
- B. Verify the compliance of the test object with regulatory requirements.
- C. Plan test activities in accordance with the existing test policy and test strategy.
- D. Verify the correct creation and configuration of the test environment.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Exploratory testing is an experience-based test technique:

- A. Where a developer and a tester work together on the same workstation: while the developer actively writes code, the tester explores the code to find defects.
- B. That can be organized into sessions guided by test charters outlining test objectives that will guide the testers' exploration.
- C. Where a team of testers explores all possible test techniques in order to determine the most suitable combination of these techniques to apply for a test project.
- D. That aims at finding defects by designing tests that exercise all possible combinations of input values and preconditions.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is an advantage of the whole team approach?

- A. It helps avoid the risk of tasks associated with a user story not moving through the Agile task board at an acceptable rate during an iteration.
- B. It helps team members understand the current status of an iteration by visualizing the amount of work left to do compared to the time allotted for the iteration.
- C. It helps the whole team be more effective in test case design by requiring all team members to master all types of test techniques.
- D. It helps team members develop better relationships with each other and make their collaboration more effective for the benefit of the Project.

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following statements about checklist-based testing is TRUE?

- A. Checklist-based testing is a technique for managing the review meeting that can be applied in those reviews where the use of checklists is mandatory, as is often the case in formal reviews.
- B. Checklist-based testing is a review technique that can be used in a formal review process where reviewers, during individual review, try to detect issues within the work product based on a checklist.
- C. In checklist-based testing, using checklists at a high level of detail is more likely to produce test cases that are easier to reproduce than those using checklists at a low level of detail.
- D. Checklists used in checklist-based testing should be reviewed periodically for updates as, over time, test cases designed using the same checklist may become less effective at finding defects.

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

An application is subjected to a constant load for an extended period of time as part of a performance test. While running this test, the response time of the application steadily slows down, which results in a requirement not being met. This slowdown is caused by a memory leak where the application code does not properly release some of the dynamically allocated memory when it is no longer needed. Which of the following statements is TRUE?

- A. The slowdown is a failure while the memory leak is a defect.
- B. The slowdown is a defect while the memory leak is an error.
- C. The slowdown is an error, the memory leak is a defect.
- D. The slowdown is a defect; the memory leak is a failure.

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Which of the following statements is TRUE?

- A. User acceptance tests are usually automated and aim to verify the acceptance criteria for user stories.
- B. Acceptance criteria for user stories can include details on data definitions, for example by describing the format, allowed values, and default values for a data item.
- C. Acceptance criteria for user stories should focus on positive scenarios, while negative scenarios should be excluded.
- D. Tests derived from acceptance criteria for user stories are not included in any of the four testing quadrants.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

In addition to thorough testing of the requirements specification, a development team aims to involve users as early as possible in the development process, using practices such as prototyping, to ensure that the software systems being developed will meet the users' expectations. This approach is especially useful at mitigating the risks associated with one of the seven testing principles, which one?

- A. Tests wear out.
- B. Absence-of-errors fallacy.
- C. Working software over comprehensive documentation.
- D. Defects cluster together.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

A requirement specifies that a certain identifier (ID) must be between 5 and 10 characters long, must contain only alphanumeric characters, and its first character must be a letter. As a tester, you want to apply one-dimensional equivalence partitioning to test this ID. This means that you have to apply equivalence partitioning individually: to the length of the ID, the type of characters contained within the ID, and the type of the first character of the ID. What is the number of partitions to cover?

- A. 7
- B. 6
- C. 5
- D. 3

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

Determining the schedule for each testing activity and test milestones for a test project, using activity estimates, available resources, and other constraints is a typical task performed during:

- A. Test execution.
- B. Test design.
- C. Test analysis.
- D. Test planning.

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A requirement specifies that if the total amount of sales (TAS) made during the year by a corporate seller is 300,000€ or more, the bonus that must be paid to the seller is 100% of a certain amount agreed upon at the beginning of the year. The software contains a fault as it implements this requirement with the decision "IF (TAS = 300,000)" instead of "IF (TAS >= 300,000)". The application of the 3-value boundary value analysis to this problem consists of the following three test cases (TAS is an integer variable):

TC1 = 299,999 -

TC2=300,000 -

TC=300,001 -

Which of the following statements is TRUE?

- A. TC1 would highlight the fault.
- B. TC2 would highlight the fault.
- C. TC3 would highlight the fault.
- D. None of the three test cases would highlight the fault.

Suggested Answer: C

Community vote distribution

B (100%)

  **kuy5m** 1 week, 4 days ago

Selected Answer: B

I believe B is the correct answer. While C would highlight the fault, so would TC2 as it should also receive the bonus.
upvoted 1 times

A document describes the test procedures that have been derived for the identified test sets. Among other things, the order in which the test cases in the corresponding test set are to be executed according to the dependencies described by preconditions and postconditions is specified. This document is a typical work product produced as part of:

- A. Test design.
- B. Test analysis.
- C. Test implementation.
- D. Test monitoring and control.

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!

Which of the following types of tools is BEST suited for determining source code compliance with the guidelines provided by a coding standard?

- A. Containerization tool.
- B. Fault seeding tool.
- C. Static analysis tool.
- D. Test data preparation tool.

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!

Which of the following statements about traceability is FALSE?

- A. Traceability between test basis items and the test cases designed to cover them, makes it possible to determine which test basis items have been covered by the executed test cases.
- B. Traceability between test basis items and the test cases designed to cover them, enables experience-based test techniques to be applied.
- C. Traceability between test basis items and the test cases designed to cover them, enables identification of which test cases will be affected by changes to the test basis items.
- D. Traceability can be established and maintained through all the test documentation for a given test level, such as from test conditions through test cases to test scripts.

Correct Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is a typical potential risk of using test automation tools?

- A. Reduced feedback times regarding software quality compared to manual testing.
- B. Reduced test execution times compared to manual testing.
- C. Reduced repeatability and consistency of tests compared to manual testing.
- D. Underestimation of effort required to maintain test scripts.

Correct Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

A typical generic skill required for the role of tester is the ability to:

- A. Take on the role of developer to meet challenging project deadlines.
- B. Assume leadership aimed at imposing decisions on the rest of the team.
- C. Use tools to make the execution of repetitive testing tasks more efficient.
- D. Determine the corrective actions to get a test project on track in case of deviations from the test plan.

Correct Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

As a tester, as part of a V-model project, you are currently executing some tests aimed at verifying if a mobile app asks the user to grant the proper access permissions during the installation process and after the installation process. The requirements specification states that in both cases the app shall ask the user to grant access permissions only to the camera and photos stored on the device. However, you observe that the app also asks the user to grant access permission to all contacts on the device. Consider the following items:

- [I]. Test environment.
- [II]. Expected result.
- [III]. Actual result.
- [IV]. Test level.
- [V]. Root cause.

Based on only the given information, which of the items listed above, are you able to CORRECTLY specify in a defect report?

- A. [I] and [II].
- B. [II] and [III].
- C. [II], [III] and [V].
- D. [I], [IV] and [V].

Correct Answer: B

Currently there are no comments in this discussion, be the first to comment!

Which of the following statements refers to a good testing practice that applies to all software development lifecycles?

- A. Each test level should have its own specific test objectives that should be consistent with the software development lifecycle phase or type of activities it addresses.
- B. Test analysis and design for any test levels should begin as soon as coding is complete, and all system components are available for testing.
- C. The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.
- D. All the tests should be automated and run as part of the continuous integration process with every software change.

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!

The following decision table is used to assist a doctor in determining the drug therapy to prescribe for a patient (aged 6 to 65 years) diagnosed with acute sinusitis. The table consists of three Boolean conditions and six actions:

	1	2	3	4	5	6	7	8
Conditions								
Is the patient over 18 years old?	F	F	F	F	T	T	T	T
Is the patient allergic to Penicillin?	F	F	T	T	F	F	T	T
Is the patient taking anticoagulant therapy?	F	T	F	T	F	T	F	T
Actions								
Amoxicillin is the therapy of choice					X			
Levofloxacin is the therapy of choice			X				X	
Cefuroxime is the therapy of choice	X							
Necessary consultation with the hematologist		X		X		X		X
Full dosage recommended for 10 days					X		X	
Half of the full recommended dosage for 10 days	X		X					

Based only on the given information, which of the following statements is TRUE?

- A. Column 7 represents an impossible situation and thus can be deleted.
- B. Columns 1 and 3 can be merged into a single column.
- C. Columns 2, 4, 6 and 8 can be merged into a single column.
- D. Columns 5 and 7 can be merged into a single column.

Correct Answer: C

Currently there are no comments in this discussion, be the first to comment!

Which of the following statements about TDD, BDD and ATDD is TRUE?

- A. Refactoring is a practice that is an integral part of TDD and is applied both to tests and to code written to satisfy those tests.
- B. ATDD is a black-box test design technique that is applicable exclusively at acceptance test level.
- C. BDD is a developer practice where business stakeholders are not usually involved as the tests are directly written at unit/component test level.
- D. ATDD is the practice of running the automated acceptance tests as part of a continuous integration process.

Correct Answer: A

Currently there are no comments in this discussion, be the first to comment!