

Test Cases Interview Questions And Answers Guide.



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Test Cases Job Interview Preparation Guide.

Question # 1

In a log in page what will be test procedure, test scenario, test description & test steps?

Answer:-

TestCase ID : Tc_01

Test Purpose : For All the users logging form Loginwindow.It consists Username and Password fields

Testprocedure : If User enter valid username with alphanumeric,password

Expected Result :Login window access

Actual Result :same

Pass/FailCriteria : Test pass

Remarks :No

Tc_02

If user enter invalid username with symbols like

*,&,./?,valid password

Expect Result : Login window opened

Actual result : Login doesn't access.it displays error msg

Criteria : Test case failed

Remarks : There is error msg displays.like enter valid user name

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Question # 2

What is STATEMENT COVERAGE testing?

Answer:-

In this type of testing the code is executed in such a manner that every statement of the application is executed at least once. It helps in assuring that all the statements execute without any side effect.

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Question # 3

How would you test a cup and or pencil?

Answer:-

for cup

1) check it can properly contain liquid and not leaked.

2) test that its size and shape as per user requirement or not.

3) test its color as per user requirement or not.

4) test its material as per user requirement.

5) test it with maximum hot/cold and minimum hot/cold liquid.

6) check its strength that whether it can be broken easily.

7) check its with heat and cold environment.

8) put it in front of direct sun light for hours.

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Question # 4

Write test cases for this scenario if a job fails it should get restarted again this should happen for three times if it fails again then it should quit?

Answer:-

1) Enter the required data and click the start button if it fails then it should come out and get restarted and Log=1;

2) Enter the required data and click the start button if it



fails then it should come out and get restarts and Log=1+1;
3) Enter the required data and click the start button if it fails then it should come out and get restarts and Log=2+1;
4) If log =3 then quit.
otherwise it should allow the user to perform the job.

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Question # 5

What is Unit Testing?
What is Integration Testing?
What is acceptance testing?
What is Static testing?
What is System testing?
What is Load Testing?
What is Smoke Testing?
What is Soak Testing?
What is Scalability Testing?
What is Sanity Testing?
What is Ramp Testing?
What is Monkey Testing?
What is Gray Box Testing?
What is Functional Testing?
What is Glass Box Testing?
What is Dynamic Testing?
What is Compatibility Testing?
What is Concurrency Testing?
What is Component Testing?
What is Ad Hoc Testing?
What is Agile Testing?

Answer:-

Unit Testing is a testing done to check if the new code is working properly before delivering the build to testing team
Integrating testing is testing done when we move from one screen to an other screen or when two integrated modules are tested.
Acceptance testing is done when the product is delivered to the customer for him to accept.
Static checking is primarily the syntax checking or a manual review of the code.
smoke testing is testing the most important functionality without going much deep into it when there's a new application delivered to testing team.
system testing is testing done on a completely integrated system to know its compliance with the requirement.
Load testing is done to know if the application can work normally under the defined number of user and if the response is alright even under that load
soak testing is a testing done to see how long the system can stand with the no of users for a particular duration of time.
scalability testing is done to know how many extra users can use the application beyond the load specified.
sanity testing is done after a new build to know if the important features are working properly .
Ramp testing increases the no of user in a particular timeframe to know the max no of user that it can accommodate before throwing error messages.
monkey testing is something that you do to test without following any document and some random unusual testing
gray box testing is the combination of unit testing and black box testing
functional testing is a testing done on function by giving some input and expecting some output
glass box testing is a structural testing where the test is derived by directly seeing the code.
dynamic testing is nothing but the black box testing itself, like testing a functionality by giving input and expecting an output ..
compatibility testing is done on different browsers to see if the response is same or if it doesn't load properly.
concurrency testing is done to see if two users use the application parallelly how the application responds and how the data is handled.
component testing is same as unit testing except for stubs and simulators removed.
ad hoc testing is a negative testing, testing done with an unexpected situation or that's not there in the requirement documents
agile testing -testing using the agile model.

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Question # 6

What are basic types of test cases?

Answer:-

There are basically two types of test cases:

1. Positive test cases
 2. Negative Test cases
- Positive test cases are meant to test for which the application is made (functionality or the requirements).
-Negative test cases are meant to test for which the application is not made.

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Question # 7

How to test a stored procedure?

Answer:-

There are two ways to test a stored procedure.
1) Black box testing: The Result Set should be checked if the desired output is returned by SQL command.
2) Performance Testing: Stored Procedures are created to avoid compiling it again and again, hence, testing should be done to check if stored procedures are reducing CPU load and network traffic.



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Question # 8

Write the testcase for a login page?

Answer:-

Feature Ref No.: Login page
Sub feature No.: N/A
Test_case id: TC_01
Functionality: Login
Steps Description: Enter the valid user name and password
Pre condition: Application must accept the user name and password
Input Criteria: username: abc, Password: ***
Expected Result: Login user page should open with all its content
Severity: C1: High, C2: Normal, C3: Low
Observed Result: Application user page should open with all its content
Status: Pass
Remarks: Done

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Question # 9

What is SCENARIO TESTING?

Answer:-

Scenario tests are realistic, credible and motivating to stakeholders, challenging for the program and easy to evaluate for the tester. They provide meaningful combination of functions and variables rather than the more artificial combination you get with domain testing or combinatorial test design.

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Question # 10

Do you know Explain SECURITY TESTING?

Answer:-

Security Testing is carried out in order to find out how well the system can protect itself from unauthorized access, hacking & "cracking, any code damage etc. which deals with the code of application. This type of testing needs sophisticated testing techniques.

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Question # 11

Explain the format of a Requirement Traceability Matrix. And how to include this RTM in the requirement document?

Answer:-

Requirements Traceability Matrix
Project Name
Requirements Traceability Matrix
Unique No.
Requirement
Source of Requirement
Software Reqs. Spec / Functional Req. Doc.
Design Spec.
Program Module
Test Spec.
Test Case(s)
Successful Test Verification
Modification of Requirement
Remarks

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Question # 12

Suppose a job should be executed for every two hours? Write test case for this?

Answer:-

1. verify job should be executed for 2 hours validly executed(time gap we will calculate from previous job) job which was recent from the if not error message

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Question # 13



Why do we need test cases?

Answer:-

This is the very basic requirement to start with the testing phase. We should have the test cases for testing any system. test cases is written based on the scenarios you have to test the system. Test cases gives us the assurance that flows are working fine or not based on the status of the test case. If the status of some test cases are failed meaning some flows are not working fine and there is bug in the system that needs to be fixed. If the status of the test cases are passed meaning flow is working as expected and system is behaving as per the requirement.

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Question # 14

Do you know mutation testing?

Answer:-

A kind of testing in which, the application is tested for the code that was modified after fixing a particular bug/defect. It also helps in finding out which code and which strategy of coding can help in developing the functionality effectively.

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Question # 15

Explain the exactly meaning of test case?

Answer:-

Test case is a detailed procedure that fully test a features or an aspect of a feature. It describes how to perform a particular test. you need to develop a test case for each test listed in the test plan. A test case includes:

- The purpose of the test.
- Special hardware requirements, such as a modem.
- Special software requirements, such as a tool.
- Specific setup or configuration requirements.
- A description of how to perform the test.
- The expected results or success criteria for the test.

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Question # 16

What is DOMAIN TESTING?

Answer:-

Domain testing is the most frequently described test technique. Some authors write only about domain testing when they write about test design. The basic notion is that you take the huge space of possible tests of an individual variable and subdivide it into subsets that are (in some way) equivalent. Then you test a representative from each subset.

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Question # 17

Explain the BRANCH COVERAGE Testing?

Answer:-

No software application can be written in a continuous mode of coding, at some point we need to branch out the code in order to perform a particular functionality. Branch coverage testing helps in validating of all the branches in the code and making sure that no branching leads to abnormal behavior of the application.

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Question # 18

Explain transaction testing, syntax testing, domain testing, logic testing, and state testing?

Answer:-

Transaction testing: Transaction testing generally refers to the testing of individual loans and is also known as account testing, account sampling, or transaction-level testing.

Syntax testing: Syntax testing is a static,black box testing technique for protocol implementations and for testing command driven software and similar application.

domain testing:it is a white box testing method and to check values taken by a variable, a condition, or an index, and to prove that they are outside the specified or valid range. It also contains checking that the program accepts only valid input , because it is unlikely to get reasonable results if idiocy has been entered. Colloquially, this part can be called ``garbage in -- garbage out" testing.

logic testing:Logic-based testers design tests from logical expressions that appear in soft-ware artifacts such as source code, design models, and requirements speci - cations



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state testing: is a load testing type approach and with this testing great flexibility in dealing with common system test problems: limited access to the system test environment, unstable software, or changing operational conditions. Because each test case verifies correct execution on a path from the idle state to the software state under test, our method does not require the continuous execution of all test cases.

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