

Practical Related Questions

Note: Below given are few sample questions for reference. Teacher must design more such questions so as to ensure the achievement of identified CO.

(Note: Use Point VIII to X and XIII to XV for all relevant practical exercise use blank pages provided or attach more pages if needed.)

1. On which basis the Test Approach is decided for any application?
2. Define the Test Management.
3. State the use of Test Case Specification. Enlist the Test Case Specification Identifiers.
4. Enlist the parameters that should be considered while preparing Test Summary Report.

(Space for answers)

Test approach is decided on the basis of testing tools, hardware, software, & features of the project which are prioritized by various factors.

Analyzing & organizing test assets (Test requirements, test cases & test results) to enable accessibility & reuse is termed as test management.

Test case specification specifies the test's purpose, identifies the required step by step procedures, input & desired output.

Test Summary Report is the final step to recommend suitability of a project release.

XI. Result (Output of the procedure)

XII. Practical Related Questions

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1. Identify the components used in the Test Plan documents?
2. State the benefits of Test Plan.
3. Define Test Deliverables.
4. State the use of Test Case Specification. Enlist the Test Case Specification Identifiers.

(Space for answers)

1. Components:

- Scope
- Schedule
- Resource Allocation
- Environment
- Tools
- Defect Management
- Risk Management
- Exit parameter

2. Enable manager to estimate the required effort and cost of the testing process in accurate way.

3. Documents provided before testing phase, during or after testing phase.

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1. Compare Defect, error and failure.
2. Describe different status of Defects.
3. Describe various defects reporting process with example.

(Space for answers)

1. Error - Mistake in coding.
Defect - Error found by tester.
Bug - Defect accepted by developer/team.
Failure - Build does not meet requirements.
2. Status of Defects:
open: when bug found by tester.
open-resolved: once programmer fixes code.
resolved-close: tester closes bug after verification.
open-review: CCB decides to fix bugs or not.
Review-close: CCB decides bug is not a real problem.
review-deferred: CCB decides bug to be fixed in future.
review-open: CCB decides bug must be fixed ASAP.
resolved-open: tester find bug not fixed.
closed-open: bug may produce in future.
deferred-open: bug has to be fixed in future.
3. It is essential to report defects effectively, so that effort is not unnecessarily wasted to understand & reproduce the defects.
eg. Specific details; objective: prepare the defect & review the defect.

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1. Define Defect Deduction Percentage.
2. Describe Defect reporting process.
3. Describe Defect report template.

(Space for answers)

1. Defect Deduction Percentage gives a measure of the testing effectiveness. It is calculated as ratio of defects found to release & after release.
2. Defect Reporting is a process where test managers prepare & send defect report to management team.
3. Defect report template is one of the test artifacts. Its purpose is to convey detailed info about a bug to the developer. It allows the developer to find the bug with ease.