URL : <https://istqb.patshala.com/>

Fundamental testing process: <https://istqb.patshala.com/questions/questions.php?tn=20>

1. Which of the following will be the best definition for Testing

The goal / purpose of testing is to demonstrate that the program works.

The purpose of testing is to demonstrate that the program is defect free

The purpose of testing is to demonstrate that the program does what it is supposed to do

Testing is executing Software for the purpose of finding defects

1. Which of the following is not a type of incremental testing approach?

Top down

Big-bang

Bottom up

Functional incrimination

1. In case of Large Systems

Only few tests should be run

Testing should be on the basis of Risk

Only Good Test Cases should be executed

Test Cases written by good test engineers should be executed

1. Which of the following statements about reviews is true?

Reviews cannot be performed on user requirements specifications.

Reviews are the least effective way of testing code.

Reviews are unlikely to find faults in test plans.

Reviews should be performed on specifications, code, and test plans

1. Test cases are designed during:

Test recording.

Test planning.

Test configuration.

Test specification.

1. A deviation from the specified or expected behavior that is visible to end-users is called:

An error – is a human action that produces an incorrect result.

A fault -- is a flaw in a component or system that can cause the component or system to fail to perform its required function.

A failure – is deviation of the component or system from its expected delivery, service or result.

A defect

1. What should be taken into account to determine when to stop testing?
2. Technical Risk
3. Business Risk
4. Project constraints
5. Product documentation

Answer: a, b and c are true, d is false

1. Test data planning essentially includes?

Network

Operational Model

Boundary value analysis

Test Procedure planning

1. Which of the following is true?

Component testing should be black box, system testing should be white box

If you find a lot bugs in testing, you should not be very confident about the quality of software

The fewer bugs you find, the better your testing was

The more tests you run, the more bugs you will find.

1. Test case grouped into manageable (and scheduled) units are called as

Test Harness

Test Suite

Test Cycle

Test Driver

1. Which of the following is KEY test closure task?

Ensuring proper environment setup

Writing a test summary report

Assessing the need for additional tests

Finalizing and archiving testware

1. What is the purpose of exit criteria?

To define when a test level is complete

To determine when a test has completed

To identify when a software system should be retired

To determine whether a test has passed

1. Which is not the testing objectives

Finding defects

Gaining confidence about the level of quality and providing information

Preventing defects

Debugging defects

1. Which of the following is a KEY task of a tester?

Reviewing tests developed by others

Writing a test strategy for the project

Deciding what should be automated

Writing test summary reports

1. What consists of a set of input values, execution preconditions and expected results?

Test script

Test procedure specification

Test case

Test data

1. **\_\_\_\_\_\_**is performed at the customer's end by end users and no resource from **testing** team **is** involved

Field Testing

Alpha Testing

Beta testing

System Testing

1. \_\_\_\_ is carried out in a lab environment and usually, the testers are internal employees of the organization. It is done early on, near the end of the development of the software

Field Testing

Alpha Testing

Beta testing

System Testing

1. Which of the following is a MAJOR test planning task?

Determining the exit criteria

Measuring and analyzing results

Implementing corrective actions

Monitoring and documenting progress

1. Exhaustive testing is

Is impractical but possible

Is practically possible

Is impractical and impossible

Is always possible

1. What is the process of analyzing and removing causes of failures in software?

Validation

Testing

Debugging

Verification

1. Majority of system errors occur in the \_\_\_ phase

Requirements phase

Analysis and design phase

Development phase

Testing phase

1. Which of the following items should NOT be raised during a retrospective meeting?

There should be more emphasis on unit testing in the future, to improve overall quality.

The build process is manual and takes too long.

Tester is struggling to find defects. Test design training is required.

Automated regression test suites are taking too long to run.

1. Which of the following activities would a testers do during iteration planning and release planning?

Produce a list of acceptance tests for user stories – Iteration planning

Help break down user stories into smaller and more detailed tasks – Iteration planning

Estimate testing tasks generated by new features planned for this iteration – Iteration planning

Support the clarification of the user stories and ensure that they are testable. – Release planning

1. What is the most appropriate explanation of a ‘user story’?

An artifact that the tester must review and sign off before testing can begin

An artifact used to detail only the functional requirements of the system

An artifact documented by business representatives to help developers and testers understand the system requirements.

An artifact written collaboratively by developers, testers, and business representatives to capture requirements.

1. Which of the following is best at showing the team’s progress against estimates?

Burn down charts

Automation logs

The agile task board showing user story and task progress

Defect tracking tools