

## Software Testing

A Careful testing

- A. ☐ expose defect in program
- B. ☒ helps reduce defect in program
- C. ☐ Both
- D. ☐ None

"Verification focus on phase containment of errors while validation focus to make final product error free".

- A. ☒ True
- B. ☐ False
- C. ☐ NA
- D. ☐ NA

The set of test-case using which a program is to be tested is known as

- A. ☐ test-set
- B. ☐ test-case
- C. ☒ test-suite

\_\_\_\_\_ is carried out to identify the statements that are in error.

- A. ☐ test cases
- B. ☒ debugging
- C. ☐ error correction
- D. ☐ All of the above

Which of the following is not a testing technique?

- A. ☐ Unit testing
- B. ☐ integration testing
- C. ☒ collaboration testing
- D. ☐ system testing

Which of the following is referred to as testing in small?

- A. ☐ integration testing
- B. ☐ regression testing
- C. ☐ system testing
- D. ☒ unit testing

Which of the following is referred to as testing in large?

- A. ☐ unit testing
- B. ☐ integration testing
- C. ☐ system testing
- D. ☒ both b & c

After module is coded and reviewed, this testing is carried out?

- A. ☒ Unit testing
- B. ☐ System testing
- C. ☐ integration testing

Test cases are designed from an examination of the input/output values only and no knowledge of design or code is required in

- A. ☐ white box testing
- B. ☒ black box testing
- C. ☐ integration testing
- D. ☐ All of the above

Following approach can be used to design black-box test cases?

- A. ☐ equivalence class partitioning
- B. ☐ Boundary Value Analysis
- C. ☒ both
- D. ☐ corner value analysis

A white box testing can be

- A. ☐ coverage-based
- B. ☐ fault- based
- C. ☒ both
- D. ☐ none

The system testing carried out by the test team within the developing organization is

- A. ☒ Alpha testing
- B. ☐ Beta testing
- C. ☐ Acceptance testing
- D. ☐ User testing

The system testing performed by selected group of friendly customer

- A. ☐ Alpha testing
- B. ☒ Beta testing
- C. ☐ Acceptance testing
- D. ☐ User testing

The system testing carried out by the customer to determine whether he should take delivery or not is

- A. ☐ Alpha testing
- B. ☐ Beta testing
- C. ☒ Acceptance testing
- D. ☐ user testing

The system test case can be classified into

(i) functional test case (ii) non-functional test case (iii) Performance test case

- A. ☐ only i & ii
- B. ☒ only i & iii
- C. ☐ only ii & iii
- D. ☐ All of the above

To check whether the system meets the non-functional requirements identified in the SRS document, which testing is done?

- A. ☐ Integration testing
- B. ☐ Unit testing
- C. ☐ both a & b
- D. ☒ performance testing

Which testing is important for the systems that usually operate below their maximum capacity but may be serverly over loaded or busy at some peak hours?

- A. ☒ Stress testing
- B. ☐ Regression testing
- C. ☐ Configuration testing
- D. ☐ Recovery testing

Which of the following are the important task (s) involved in software testing?

- A. ☐ prepare set of test inputs
- B. ☐ observe if the system behaves as expected
- C. ☐ modify the code to fix the defect
- D. ☒ Only A & B

Regression testing is primarily related to

- A. ☐ Data flow testing
- B. ☐ Development testing
- C. ☒ Maintenance testing
- D. ☐ Functional testing

Test environment check up is part of \_\_\_\_\_

- A. ☐ Test Scenario
- B. ☒ Test Execution
- C. ☐ Test Design
- D. ☐ Test Development
- E. ☐ None of the above

Which of the statements is applicable to software testing?

- A. ☐ Helps in identifying defects
- B. ☐ Helps prevent the defects
- C. ☐ Helps to provide a reliable system
- D. ☐ Helps to identify completeness of the software
- E. ☒ All of the above

Unit testing is done to test the smallest piece of code done on source code

- A. ☒ True
- B. ☐ False
- C. ☐ NA
- D. ☐ NA

Regression test cases are identified in test development process.

- A. ☒ True
- B. ☐ False
- C. ☐ NA
- D. ☐ NA

The process of creating complete set of test cases is called?

- A. ☐ Test Scenario
- B. ☐ Test Case
- C. ☒ Test Development
- D. ☐ Test Execution
- E. ☐ Test Suite

A use case can result into more than one scenario.

- A. ☒ True
- B. ☐ False
- C. ☐ NA
- D. ☐ NA

Test scenarios have to be written with the consideration of:

- A. ☐ Business rules
- B. ☐ Functional standards
- C. ☐ Non functional standards
- D. ☒ All of the above
- E. ☐ None of the listed options

A procedure used to derive and or select test cases is called?

- A. ☐ Requirement Analysis
- B. ☐ Test Planning
- C. ☒ Test Design
- D. ☐ Test Execution
- E. ☐ Test Design and Execution

We derive \_\_\_\_\_ by using the test design techniques

- A. ☐ Test Scenario
- B. ☐ Test condition
- C. ☒ Test case
- D. ☐ All of the above
- E. ☐ None of the above

Which of the following statements is/are true?

- A. ☐ Test scenario involves the expected results.
- B. ☒ Test case includes the method of how the test would be performed.
- C. ☐ Test scenario define the setup to perform the tests
- D. ☐ Test case includes the steps to execute.
- E. ☐ Test cases are developed from Test conditions

which of the following helps detect common programming errors in code?

- A. ☐ code walkthrough
- B. ☒ code inspection
- C. ☐ both
- D. ☐ None

2. An effective risk management plan will need to address which of the following issues?

- A. risk avoidance
- B. risk monitoring
- C. contingency planning
- D. all of the above