

1) When Testing should be stopped?

- a. When manager asks to stop
- b. When time runs out
- c. When enough money are spend on testing
- d. It depends on risk associated with that project.

ANSWER: It depends on risk associated with that project.

2) Software testing is one element of a broader topic that is often referred to as ____

Verification

Validation

Verification and Validation (V&V)

None of these

Answer: C) Verification and Validation (V&V)

3) Verification and validation includes a ____ of SQA activities.

Wide array

Small array

Both A and B

None of these

Answer: A) Wide array

4) ____ refers to the set of tasks that ensure that software correctly implements a specific function.

☒ Verification

☒ Validation

☒ Array

☒ All of the mentioned above

☒ **Answer: B) Validation**

5) E-Commerce software testing follows different approach than gaming software testing. Which testing principle implies this?

- a) Pareto principle
- b) Testing is Context dependent
- c) Testing shows presence of defects
- d) Absence of errors-fallacy

ANSWER: b) Testing is Context dependent

5) When a cost to remove defect is not high?

- a) During requirement analysis
- b) During designing
- c) During coding
- d) During testing

ANSWER: a) During requirement analysis

6) In software development life cycle , who is the best person to catch a defect?

- ☐ a) Software Tester
- ☐ b) Customers
- ☐ c) Designer
- ☐ d) Business Analyst
- ☐ e) Developer

☒ **ANSWER: d) Business Analyst**

7) Cost of the defect does not increase over the period of time. True or false.

a) True

b) False

ANSWER: b) False

8) The V model is also known as

- ☐ Verification and Validation model
- ☐ Iterative Model
- ☐ Spiral Model
- ☐ Answer: A) Verification and Validation mode

9) In V-model, each and every development phase is associated with

- ☐ Development phase
- ☐ Testing phase
- ☐ Design phase
- ☐ Implantation phase

☒ **Answer: B) Testing phase**

10) The execution processes in V-model happens in a ____.

- ☐ Iterative in manner
- ☐ Sequential manner
- ☐ Spiral in manner
- ☒ All of the mentioned above

☞ Answer: A) Sequential manner

11) A V-model is a SDLC model and called as V-model because of its,

☞ Shape

☞ Size

☞ Model

☞ None of the mentioned above

☞ Answer: A) Shape

12) In V model, Functional and Non-functional techniques are the part of

☞ Verification

☞ Validation

☞ Both A and B

☞ None of the mentioned above

☞ Answer: B) Validation

13) ----- testing is used to check the code?

- a. Grey box testing
- b. Black box testing
- c. White-box testing
- d. Red box testing

Answer: (c) White-Box testing

Explanation: The white box testing is testing where the developer will test every line of the program's code. To perform the white box testing, his/her aware of programming skills to design test cases.

14) The Regression test case is not a -----?

- a. Tests that focus on the software components, which have been modified.
- b. Low-level components are combined into clusters, which perform a specific software sub-function.
- c. Additional tests that emphasize software functions, which are likely to be affected by the change.
- d. A representative sample of tests, which will exercise all software functions.

Answer: (b) Low-level components are combined into clusters that perform a specific software sub-function.

Explanation: The Regression testing is used to authenticate a code change in the software, which does not impact the product's existing functionality. And it

also ensures that the product works fine with new functionality, bug fixes, or any change in the existing feature.

15) Generally, which testing is used when shrink-wrapped software products are being established and part of an integration testing?

- a. Integration Testing
- b. Validation testing
- c. Regression Testing
- d. Smoke testing

Answer: (d) Smoke testing

Explanation: The smoke testing is used to test the basic and critical feature of an application before doing one round of deep, rigorous testing or checking all possible positive and negative values. In this testing, we do not require to design test cases.

16) Which of the following statement is used to discover errors in the test case?

- a. Incorrect logical operators or precedence
- b. Non-existent loop termination
- c. Comparison of different data types
- d. All of the above

Answer: (b) Non-existent loop termination

Explanation: The test case is specifying as a group of conditions under which a tester controls whether a software application is working as per the customer's requirements or not. And the test case provides us complete information about testing strategy, testing process, preconditions, and expected output.

17) The Decision table testing is a -----?

- a. White box Test Design Technique
- b. Black Box Test Design Technique
- c. Experience-based Test Design Technique
- d. Grey Box Test Design Technique

Answer: (b) Black-box test design technique

Explanation: The Decision table technique is one of the most important used case design techniques for black-box testing. It is a systematic approach where

several input combinations and their respective system behavior are captured in a tabular form. The Decision table technique is suitable for the functions, which have a logical relationship between two and more than two inputs.

18) When we have to stop the testing?

- a. The faults have been fixed
- b. All the tests run
- c. The time completed
- d. The risk is resolved

Answer: (d) The risk is resolved.

Explanation: Once the application's functionality is stable, the risk is resolved, when the time is less, we test the necessary features, and when the essential feature itself is not working correctly, we can stop the testing.

19) ----- are those software mistakes that occurred during the coding phase?

- a. Defects
- b. Failures
- c. Errors
- d. Bugs

Answer: (d) Bugs

Explanation: The Bug is the informal name of defects, which means that software or application is not working as per the requirement. The bug occurred when developers made any mistake or error while developing the product. And the bug had various names in different companies such as error, issues, problem, fault, mistake, etc.

20) Which of the following is not a valid software testing technique?

- a. Inspections
- b. Data flow analysis
- c. Error guessing
- d. Walkthrough

Answer: (c) Error guessing

Explanation: Error guessing is a technique in which there is no specific method for identifying the error. It completely depends on the tester and type of

experience in the previous testing involvements because it does not follow any method and guidelines. The error guessing technique deals with all possible errors that cannot be identified as informal testing.

21) Define the term verification in V and V model?

- a. Checking that we are building the system right
- b. Making sure that it is what the user wants
- c. Performed by an independent test team
- d. Checking that we are building the right system

Answer: (a) Checking that we are building the system right

Explanation: The entire V model executes in two-phase; the complete review process is done in the verification phase. We can say that the verification is used to check that we are building the system right.

22) What is the full form of SRS?

- a. Software respond system
- b. Software requirements specification
- c. System responds software
- d. System requirements specification

Answer: (B) Software requirements specification

Explanation: SRS [Software Requirement Specifications] is a document where all the details are converted to the detail document, which can be understood by the developers and the test engineers.

23) What is the main task of test planning?

- a. Measuring and analyzing results
- b. Evaluating exit criteria and reporting
- c. Determining the test approach
- d. Preparing the test specification

Answer: (C) Determining the test approach.

Explanation: It is a detailed document, which describes software testing areas and activities. The test approach is used to define the application's flow while performing testing and for future reference.

24) Which of the below statement is true about the Equivalence Partitioning technique?

- a. A black box testing technique appropriate to all levels of testing.
- b. A white box testing technique appropriate for component testing.
- c. The black box testing technique is used only by developers.
- d. A black box testing technique that can only be used during system testing.

Answer: (a) A black box testing technique appropriate to all levels of testing.

Explanation: The equivalence partitions are derived from the requirements and specifications of the software. It is a software testing technique in which input data is divided into partitions of valid and invalid values, and all partitions must exhibit the same behavior.

25) ITG stands for-----?

- a. Integration Testing Group
- b. Instantaneous Test Group
- c. Independent Test Group
- d. Individual Testing Group

Answer: (c) Independent Test Group.

Explanation: The ITG (Independent Test Group) is where the third party solves any problem to create objectivity.

26) Which of the following testing is refers to as a fault-based testing technique?

- a. Stress testing
- b. Mutation testing
- c. Beta testing
- d. Unit testing

Answer: (b) Mutation testing

Explanation: Mutation testing is a fault-based testing technique where we insert errors purposely into a program (under test) to verify whether the existing test

case can detect the error or not. In this testing, the program's mutant is created by making some modifications to the original program.

27) ----- are the problems that threaten the success of a project but which has not yet happened.

- a. Risk
- b. Bug
- c. Failure
- d. Error

Answer: (a) Risk

Explanation: Risk is the challenge that we need to face to test the application in the current release, and if the assumptions fail, then the risks are involved, such as the effect for an application, release date becomes postponed.

28) What is component testing?

- a. White-box testing
- b. Grey box testing
- c. Black box testing
- d. Both a & c

Answer: (a) White box testing

Explanation: The component testing is based on an application's inner workings and revolves around internal structure testing. And the developer performs the white box/ component testing because the developer has the internal knowledge of the application.

29) In which of the following testing level, the main focus is on customer usage?

- a. Validation Testing
- b. Alpha Testing
- c. Both Alpha and Beta Testing

d. Beta Testing

Answer: (c) Both Alpha and Beta Testing

Explanation: Alpha testing is replicated or real operational testing at an in-house site. It is directed in the organization and tested by an illustrative group of end-users at the developer's side and sometimes by an independent test engineer team.

e. On the other hand, beta testing is implemented after the execution of alpha testing. It is the last phase of the testing, carried out at the client's or customer's site.

30) Which of the following testing technique can be used in order to determine the validation test?

- a. Black-box Testing
- b. White-box Testing
- c. Yellow- box Testing
- d. All of the above

Answer: (a) Black-box Testing

Explanation: Black-box testing is a process of checking an application's functionality as per the customer requirement. Or in other words, we can say that verifying the functionality against requirement specifications is referred as black-box testing.

31) What is the most common way to find an element on a page?

- (A) Id
- (B) Xpath
- (C) CSS Selector
- (D) Name

Ans: A

32) Pick two from the following if you wanted do a partial match on an attribute on an element from the beginning of the value:

- (A) contains()
- (B) starts-with()
- (C) ends-with()

(D) A & B

Ans: D

33) What is the best call for finding multiple elements using XPath?

- (A) findElementByXpath
- (B) findElementsByXPath
- (C) findElementByCssSelector
- (D) Both B & C

Ans: B

34) Selenium command for entering text into text boxes?

- (A) sendKeys()
- (B) sendKey()
- (C) sendKey
- (D) SendsKeys()

Ans: A

35) Which one is a class in Selenium ?

- (A) WebDriverWait
- (B) WebElement
- (C) WebDriver
- (D) getPageSource

Ans: A

36) What is the best element locator in selenium webdriver?

- (A) ID
- (B) NAME
- (C) xPATH
- (D) CLASS

Ans: A

37) The '//' tells the query that _____.

- a. It needs to stop at the first element that it finds.
- b. This is comment
- c. The path of the file or folder
- d. All of these

ANSWER: It needs to stop at the first element that it finds.

38) Types of xpath

- a. Absolute
- b. Relative
- c. Both a and b
- d. Non of the above

ANSWER: c

39) If you wanted to access the element that has the text "This element has an ID that changes time the page is loaded" in it, then which of the following is used?

- a. `//div[contains(@id,'time_')]`
- b. `//div[contains(@id_time())]`
- c. `//div[parameter(@id_time())]`
- d. `//div[parameter(@id,'time_')]`

ANSWER: `//div[contains(@id,'time_')]`

40) xpath methods?

- a. `text()`
- b. `contains()`
- c. `starts-with`
- d. All the above

ANSWER: d

41) Which commands you can use to check WebElement is displayed or not?

ANSWER: True

Q43) Select the variation which locates elements by the value of their “id” attribute in Web Driver Selenium

- A. By.id
- B. By.idno
- C. By.id_no
- D. By.tag_id

Ans: A

44) Select the View which shows your script in HTML format.

- A. Table View
- B. The Source View
- C. The Editor View
- D. The Field View

Ans: B

45) Select the method which clears all selected entries in Web driver Selenium.

- A. dselectAll()
- B. deselect_All()
- C. dselect_All()
- D. deselectAll()

Ans: D

46) Select the method which performs a context-click at the current mouse location.

- A. click_Context()
- B. context.Click()
- C. contextClick()
- D. context_Click()

Ans: C

47) Which is the odd one out?

- A. ID
- B. XPath
- C. CSS selector
- D. Pattern matching

Ans: D

48) The // tells the query that in xpath

- A. It needs to stop at the first element that it finds.
- B. This is comment
- C. The path of the file or folder
- D. All of these

Ans: A

49) In selenium, parent and child nodes are in the same query because HTML has a tree structure.

- A. True
- B. False

Ans: A

50) Is Web Driver a component of the Selenium?

- A. No
- B. Yes

Ans: B