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Software Testing MCQ

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Software testing is the process of finding errors in computer software. The software testing process can be divided into a number of stages (pre-test, test, post-test, and maintenance) that can be used to ensure that the software meets the required criteria or not. Mainly, there are 2 types of software testing -

1. Manual Testing
2. Automation Testing

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Q1. _____ is not a software quality model.

- **A.** McCall model
- **B.** Boehm model
- **C. ISO 9000**
- **D.** ISO 9126

Q2. Which one of the following term describes testing?

- **A. Evaluating deliverable to find errors**
- **B.** A stage of all projects
- **C.** A stage of all projects
- **D.** None of the these

Q3. What is Exhaustive testing ?

- **A.** practically possible
- **B. impractical but possible**
- **C.** impractical and impossible
- **D.** always possible

Q4. Black box testing is only functional testing.

- **A.** True
- **B. False**

Q5. Which one of the following technique is applied for usability testing?

- **A.** White box
- **B. Black box**
- **C.** Grey box
- **D.** All of the mentioned above

Q6. Testing of individual components by the developers are comes under _____ .

- **A.** Integration testing
- **B.** Validation testing
- **C. Unit testing**
- **D.** None of mentioned

Q7. the testing have been stopped When _____ .

- **A.** the faults have been fixed
- **B.** all the tests run
- **C.** the time completed
- **D. the risk are resolved**

Q8. _____is not Structural Testing?

- **A.** Parallel
- **B. Acceptance**
- **C.** Stress
- **D.** Regression

Q9. Testing comes under _____category of cost of quality.

- **A. Appraisal**

- **B.** Failure
- **C.** Preventive
- **D.** None of the mentioned

Q10. Which one is the reputed testing standard?

- **A.** QAI
- **B.** M Bridge awards
- **C. ISO**
- **D.** Microsoft

Q11. Testing which performed first is -

- **A.** Dynamic testing
- **B.** Black box testing
- **C.** White box testing
- **D. Static testing**

Q12. _____testing focuses on heavily testing of one particular module.

- **A. Gorilla Testing**
- **B.** Fuzz Testing
- **C.** Inter-Systems Testing
- **D.** Breadth Testing

Q13. Confidence Testing refers to Smoke Testing .

- **A. True**
- **B.** False

Q14. Verification is _____ .

- **A.** Making sure that it is what the user really wants
- **B.** Checking that we are building the right system
- **C. Checking that we are building the system right**
- **D.** Performed by an independent test team

Q15. Which one is the main focus of acceptance testing.

- **A.** testing the system with other systems
- **B. testing for a business perspective**
- **C.** finding faults in the system
- **D.** testing the system with other systems

Q16. _____is not static testing technique.

- **A.** Walkthrough
- **B. Error guessing**
- **C.** Inspections
- **D.** Data flow analysis

Q17. What is the Full form of ITG?

- **A.** individual testing group
- **B.** integration testing group
- **C.** instantaneous test group
- **D. independent test group**

Q18. Software mistakes during coding are known as _____ .

- **A.** errors
- **B. bugs**
- **C.** failures
- **D.** defects

Q19. What is cyclomatic complexity in software testing?

- **A.** Black box testing
- **B.** Yellow box testing
- **C. White box testing**
- **D.** Green box testing

Q20. Maintenance testing is performed using which methodology?

- **A.** Retesting
- **B.** Sanity testing
- **C.** Confirmation testing
- **D. Breadth test and depth test**

Q21. White Box techniques are also classified as

- **A. Structural testing**
- **B.** Design based testing
- **C.** Error guessing technique
- **D.** None of above

Q22. What are the various testing levels?

- **A.** Unit Testing
- **B.** System Testing
- **C.** Integration Testing
- **D. All of the Above**

Q23. Testing done without planning and Documentation is called ....

- **A.** Unit testing
- **B. Adhoc testing**
- **C.** Regression testing
- **D.** None of above

Q24. Which of the following is true about black-box testing?

- **A.** Black box testing facilitates testing communication amongst modules
- **B.** The main focus of black box testing is on the validation of your functional requirements.
- **C.** Black box testing gives abstraction from code and focuses on testing effort on the software system behavior.
- **D. All of the Above**

Q25. The plan for unit testing, system testing, and acceptance testing is called _____.

- **A. A test plan**

- **B.** A development plan
- **C.** A Re-Test Plan
- **D.** None of above

Q26. Which of the following is true of a systems test?

- **A.** System test falls under the black box testing category of software testing.
- **B.** The purpose of a system test is to evaluate the end-to-end system specifications
- **C.** verifies that all programs in an application work together properly
- **D. All of the Above**

Q27. The testing process that focuses on individual computer programs is called ....

- **A. Unit testing**
- **B.** Integration testing.
- **C.** End-to-end testing.
- **D.** Regression testing.

Q28. The main focus of acceptance testing is ....

- **A. Finding faults in the system**
- **B. Testing from a business perspective**
- **C.** Testing the system with other systems
- **D.** Ensuring that the system is acceptable to all users

Q29. Acceptance testing is also known as ....

- **A. Beta testing**
- **B.** Alpha Testing
- **C.** Grey box testing
- **D.** White box testing

Q30. Which of the following is not a static testing technique?

- **A.** Inspections
- **B. Error guessing**
- **C.** Data flow analysis
- **D.** None of above

Q31. Which of the following is not described in a unit test standard?

- **A. Stress testing**
- **B.** Syntax testing
- **C.** Equivalence partitioning
- **D.** All of the Above

Q32. User acceptance testing is done in the _____ stage.

- **A. Manual Stage**
- **B.** Automatic Stage
- **C.** Both Manual & Automatic
- **D.** None of the above

Q33. The testing which is done by going through the code is known as ....

- **A.** Unit Testing
- **B.** Blackbox testing
- **C. White box Testing**
- **D.** None of above

Q34. Which of the following is not a black box technique?

- **A.** Syntax testing
- **B. LCSAJ testing**
- **C.** State transition testing
- **D.** None of the above

Q35. Which of the following is not a white box technique?

- **A.** Path testing
- **B.** Data flow testing
- **C.** Statement testing

- **D. State transition testing**

Q36. What types of errors are missed by black box testing?

- **A.** Logic errors
- **B.** Typographical errors
- **C.** Behavioral errors
- **D. Both Logic & Typographical**

Q37. Which of the following is a form of functional testing?

- **A.** Security testing
- **B. Usability testing**
- **C.** Performance testing
- **D.** Boundary value analysis

Q38. Functional testing is known as ....

- **A. Component testing**
- **B.** Sanity testing
- **C.** Acceptance testing
- **D.** None of above

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