TUMMALA VENKATESH

MARKS:37/40

**📝 Mock Test Questions**

1. What is the main purpose of software testing?  
   a) Debugging  
   b) Validation  
   c) Verification  
   d) Find defects
2. Which of the following is not a test level?  
   a) Unit Testing  
   b) Integration Testing  
   c) System Testing  
   d) Regression Testing
3. What is static testing?  
   a) Testing performed without executing the code  
   b) Testing done during system testing  
   c) Testing while executing the program  
   d) Testing done after release
4. Which testing technique is a black-box technique?  
   a) Decision testing  
   b) Statement testing  
   c) Equivalence partitioning  
   d) Path testing
5. Which of the following is not a type of non-functional testing?  
   a) Performance testing  
   b) Usability testing  
   c) Load testing  
   d) Statement testing
6. Which document defines the test items, features to be tested, testing tasks, and responsibilities?  
   a) Test Strategy  
   b) Test Plan  
   c) Test Case  
   d) Test Log
7. Who is responsible for system testing?  
   a) Developers  
   b) Testers  
   c) Business analysts  
   d) End-users
8. What is the objective of integration testing?  
   a) Test system as a whole  
   b) Test individual modules  
   c) Test interaction between components  
   d) Test the performance
9. What is the difference between verification and validation?  
   a) Verification checks what is being built, validation checks whether the right product is built  
   b) Validation checks syntax  
   c) Verification checks user needs  
   d) Both are the same
10. Which of the following is a dynamic testing technique?  
    a) Review  
    b) Walkthrough  
    c) Static Analysis  
    d) System Testing
11. Which is NOT a black-box test design technique?  
    a) Boundary value analysis  
    b) State transition testing  
    c) Decision table testing  
    d) LCSAJ
12. What is the best time to stop testing?  
    a) When all test cases pass  
    b) When deadline is reached  
    c) When test coverage meets criteria  
    d) When customer says so
13. What is meant by test coverage?  
    a) Number of tests  
    b) Percentage of code exercised  
    c) Number of defects  
    d) Lines of code
14. Which activity is part of test closure?  
    a) Test environment setup  
    b) Writing test cases  
    c) Test summary report  
    d) Creating test data
15. What is regression testing?  
    a) Testing new features  
    b) Re-testing after fixes  
    c) System testing  
    d) Beta testing
16. What is a test oracle?  
    a) Tool used for automation  
    b) Expected result  
    c) Test case document  
    d) Tester
17. Which of the following is a white-box testing technique?  
    a) Equivalence partitioning  
    b) Boundary value analysis  
    c) Decision testing  
    d) State transition testing
18. Who performs acceptance testing?  
    a) Developers  
    b) Testers  
    c) Users  
    d) Project Manager
19. What is the main objective of test planning?  
    a) Define test scripts  
    b) Define test strategy  
    c) Define roles, schedule, deliverables  
    d) Write test cases
20. Which of the following is **NOT** a part of the fundamental test process?  
    a) Test implementation  
    b) Test monitoring  
    c) Test execution  
    d) Test scheduling
21. What is risk-based testing?  
    a) Testing based on priority  
    b) Testing based on project plan  
    c) Testing based on potential failures  
    d) Testing based on client’s requirements
22. A failure is:  
    a) A human error  
    b) A deviation from the expected result  
    c) A fault in software  
    d) A mistake by tester
23. Which testing checks the software with invalid inputs?  
    a) Equivalence Partitioning  
    b) Load Testing  
    c) Stress Testing  
    d) Negative Testing
24. Which of the following is a type of review?  
    a) Walkthrough  
    b) Regression  
    c) Sanity  
    d) Unit
25. What is exploratory testing?  
    a) Testing with test cases  
    b) Random testing  
    c) Simultaneously learning and testing  
    d) Automated testing
26. What is boundary value analysis?  
    a) Testing inside the boundary  
    b) Testing on and around the edges  
    c) Testing only invalid values  
    d) None of the above
27. What is the purpose of use case testing?  
    a) To test performance  
    b) To find UI issues  
    c) To ensure functional flows are working  
    d) To test security
28. When should you stop testing?  
    a) All tests executed  
    b) No more bugs found  
    c) Based on exit criteria  
    d) At end of development
29. What is the role of incident management?  
    a) Monitor project cost  
    b) Manage defect reports  
    c) Create test scripts  
    d) Schedule meetings
30. Which of these is NOT a part of static testing?  
    a) Walkthrough  
    b) Review  
    c) Code analysis  
    d) Load testing
31. Which technique ensures 100% decision coverage?  
    a) Path testing  
    b) Statement testing  
    c) Decision testing  
    d) Equivalence partitioning
32. What is a defect density?  
    a) Number of defects per developer  
    b) Number of defects per module  
    c) Defects per KLOC (thousand lines of code)  
    d) Number of defects found by automation
33. What is confirmation testing?  
    a) New test after defect fix  
    b) Negative testing  
    c) User acceptance  
    d) Integration testing
34. What is the ISTQB term for re-testing fixed defects?  
    a) Regression testing  
    b) Confirmation testing  
    c) Static testing  
    d) Unit testing
35. What is pairwise testing?  
    a) Testing by two testers  
    b) Testing each pair of input combinations  
    c) Testing two modules  
    d) Pair programming
36. What is monkey testing?  
    a) Ad hoc testing  
    b) Security testing  
    c) Automated testing  
    d) User acceptance testing
37. Which test level focuses on user needs and business processes?  
    a) Unit testing  
    b) Integration testing  
    c) Acceptance testing  
    d) Regression testing
38. What is the goal of load testing?  
    a) Measure response time  
    b) Find security vulnerabilities  
    c) Break the system  
    d) Verify UI
39. Which testing is done at developer side before release?  
    a) Unit testing  
    b) Acceptance testing  
    c) Alpha testing  
    d) Beta testing
40. Which tool helps in tracking and managing defects?  
    a) JIRA  
    b) Selenium  
    c) Postman  
    d) Jenkins