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## Software Testing MCQ Quiz

**Q1. What are the various Testing Levels?**

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

**Q2. What is the main purpose of Software testing?**

    **A. to identify errors, gaps or missing requirements in contrast to actual requirements**
    B. to code contents
    C. to produce output
    D. None of the above

**Q3. White Box techniques are also classified as __.**

    A. Design based testing
    **B. Structural testing**
    C. Error guessing technique
    D. None of the mentioned

**Q4. Verification addresses the concern: "Are you building it right?"**

    **A. True**
    B. False

**Q5. Validation addresses the concern: "Are you building the right thing?"**

    **A. True**
    B. False

**Q6. __ involves identifying, isolating, and fixing the problems/bugs.**

    **A. Debugging**
    B. Testing

C. Coding
D. All of the above


**Q7. Which of the following are the Software testing tools used for automation testing?**

A. HP Quick Test Professional IBM Rational Functional Tester SilkTest TestComplete Testing Anywhere
B. Selenium
C. WinRunner
**D. All of the above**


**Q8. __ is the technique of testing without having any knowledge of the interior workings of the application.**

**A. Black-Box Testing**
B. White-box testing
C. Grey-Box Testing
D. None of the above


**Q9. What is do you mean by White-box testing?**

**A. The detailed investigation of internal logic and structure of the code.**
B. The technique of testing without having any knowledge of the interior workings of the application is called black-box testing.
C. The technique to test the application with having a limited knowledge of the internal workings of an application.
D. All of the above


**Q10. Which one of the following is not the type of Software testing?**

A. Automation Testing
B. Regression Testing
C. Sanity Testing
D. Smoke Testing
**E. None of the above**


**Q11. What is Cyclomatic complexity?**

**A. a software metric used to indicate the complexity of a program**
B. emphasises working in short iterations.
C. deviates from expectations based on requirements specifications, design documents, standards etc.
D. None of the above

**Q12. __ is a testing type which checks the robustness of the system beyond the system capacity.**

A. Spike testing
B. Scalability testing
C. Volume testing
D. Load or Stability testing
**E. Stress testing**

**Q13. Test cases are designed during which of the following stages?**

A. Test recording
B. Test configuration
C. Test planning
**D. Test specification**

**Q14. Which one of the following is not the other name for structural testing?**

**A. Behavioral testing**
B. Glass box testing
C. White box testing
D. None of the above

**Q15. Which one of the following is not a type of incremental testing approach?**

A. Bottom up
B. Top down
**C. Big-bang**
D. Functional incrimination

**Q16. What is Fault Masking?**

A. Creating a test case which does not reveal a fault
**B. one defect prevents the detection of another**
C. Masking a fault by developer
D. Masking a fault by a tester

**Q17. Testing of software with actual data and in actual environment is known as?**

A. Regression testing
**B. Beta testing**
C. Alpha testing

D. None of the above

## Q18. Which of the following is not a Software Testing Life Cycle Phase?

A. Requirements Analysis
B. Test Planning
C. Test Closure
**D. Coding**

## Q19. Which of the following statements is not true?

A. Acceptance Testing determines if system is ready for release
B. Acceptance Testing checks whether system meets needs and expectations
**C. Acceptance Testing helps to find defects in system**
D. Acceptance Testing is responsibility of user

## Q20. Agile Development Testing is treated as a separate phase.

A. True
**B. False**

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