**SWT301 – QUIZ\_3**

**Which of the following is a type of test tool used for performance testing?**  
a. Test management tool  
b. Risk management tool  
c. Code inspection tool  
d. Load testing tool

**Which of the following is a type of test design technique?**  
a. Root cause analysis  
b. Inspection  
c. Equivalence partitioning  
d. Risk management

**What is the purpose of software testing?**  
a. To prove that the software is working correctly.  
b. To ensure that the software is delivered on time.  
c. To find defects in the software.  
d. To reduce the cost of software development.

**Which of the following is a white-box testing technique?**  
a. Decision table testing.  
b. Equivalence partitioning.  
c. Statement coverage.  
d. Boundary value analysis.

**What is the purpose of black-box testing?**  
a. To test the software's performance.  
b. To test the functionality of the software.  
c. To test the internal structure of the software.  
d. To test the software's security.

**Which of the following is NOT a black-box testing technique?**  
a. Decision table testing.  
b. Equivalence partitioning.  
c. Statement coverage.  
d. Boundary value analysis.

**What is the purpose of usability testing?**  
a. To evaluate how easy the software is to use.  
b. To test the software's functionality.  
c. To test the software's performance.  
d. To test the software's security.

**What is the purpose of a test suite?**  
a. To automate the execution of test cases.  
b. To identify defects in the software.  
c. To document the results of testing.  
d. To group related test cases together.

**What is the purpose of load testing?**  
a. To test the software's performance under high load.  
b. To test the software's security.  
c. To test individual components of the software.  
d. To test the software's functionality.

**What is the purpose of a test case?**  
a. To identify defects in the software.  
b. To document the results of testing.  
c. To outline the approach to testing.  
d. To specify the inputs, actions, and expected results for a particular test.

**What is the purpose of exploratory testing?**  
a. To follow a predefined test script.  
b. To test the software's performance.  
c. To discover defects in the software.  
d. To test the software's security.

**Which of the following is a type of test coverage?**  
a. Boundary value coverage.  
b. Statement coverage.  
c. Exploratory coverage.  
d. Decision table coverage.

**What is the purpose of system testing?**  
a. To test the software's security.  
b. To test the software's performance.  
c. To test the software as a whole.  
d. To test individual components of the software.

**Which of the following is a type of static testing?**  
a. Decision table testing.  
b. Boundary value analysis.  
c. Exploratory testing.  
d. Code review.

**Which of the following is a type of dynamic testing?**  
a. Inspection.  
b. Code review.  
c. Walkthrough.  
d. Stress testing.

**Which of the following is a type of functional testing?**  
a. Integration testing.  
b. Security testing.  
c. Boundary value analysis.  
d. Load testing.

**What is the purpose of regression testing?**  
a. To test the software on a different platform.  
b. To test the software's compatibility with other systems.  
c. To test new features that have been added to the software.  
d. To ensure that changes to the software have not introduced new defects.

**What is the purpose of test automation?**  
a. To improve the accuracy of testing.  
b. All of the above.  
c. To eliminate the need for manual testing.  
d. To reduce the cost of testing.

**Which of the following is a characteristic of good test cases?**  
a. Test cases should be dependent on other test cases.  
b. Test cases should be difficult to understand.  
c. Test cases should be repeatable.  
d. Test cases should be designed to find as few defects as possible.

**What is the purpose of acceptance testing?**  
a. To ensure that the software meets the user's needs.  
b. To test the software's performance.  
c. To test individual components of the software.  
d. To test the software's security.

**Which of the following is a type of system testing?**  
a. Acceptance testing.  
b. Unit testing.  
c. Regression testing.  
d. Integration testing.

**What is the purpose of equivalence partitioning?**  
a. To identify defects in the software.  
b. To ensure that all possible combinations of inputs are tested.  
c. To reduce the number of test cases needed.  
d. To group input values into classes for testing.

**What is the purpose of a test script?**  
a. To identify defects in the software.  
b. To automate the execution of a test case.  
c. To outline the approach to testing.  
d. To document the results of testing.

**Which of the following is NOT a level of testing?**  
a. System testing.  
b. Unit testing.  
c. Component testing.  
d. Integration testing.

**What is the purpose of a test plan?**  
a. To identify defects in the software.  
b. To outline the approach to testing.  
c. All of the above.  
d. To document the results of testing.

**Which of the following is a type of performance testing?**  
a. Usability testing.  
b. Stress testing.  
c. Exploratory testing.  
d. Load testing.

**What is the purpose of a defect report?**  
a. To summarize testing activities.  
b. To provide information needed to fix the defect.  
c. To document defects found during testing.  
d. To document test cases that have been executed.