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| |  |  | | --- | --- | | Part 1 of 4 - Functional Testing | 25.0 Points |  |  |  | | --- | --- | | Question 1 of 20  5.0 Points  Data and Database Integrity Testing   |  | | --- | |  |   A. Ensure proper navigation and object states for each application window and objects      B. Ensure database access methods and processes function properly and without data corruption      C. Ensure proper target-of-test and background processes function according to required business models and schedules      D. Ensure that an actor/user can access only those functions or data if they have right | | Question 2 of 20  5.0 Points  Which of these statements about functional testing is true?   |  | | --- | |  |   A. Structural testing is more important than functional testing as it addresses the code      B. Functional testing is useful throughout the life cycle and can be applied by business analysts, testers, developers and users      C. Inspection is a form of functional testing      D. Functional testing is more powerful than static testing as you actually run the system and see what happens | | Question 3 of 20  5.0 Points  How many functional testing types are introduced in the topic?   |  | | --- | |  |   A. 4      B. 5      C. 3      D. 6 | | Question 4 of 20  5.0 Points  Functional testing is mostly   |  | | --- | |  |   A. Validation techniques      B. None of the above      C. Verification techniques      D. Both of the above | | Question 5 of 20  5.0 Points  Business Cycle Testing   |  | | --- | |  |   A. Ensure proper target-of-test and background processes function according to required business models and schedules      B. Ensure database access methods and processes function properly and without data corruption      C. Ensure proper navigation and object states for each application window and objects      D. Ensure that an actor/user can access only those functions or data if they have right | |
| |  |  | | --- | --- | | Part 2 of 4 - Non-functional Testing | 25.0 Points |  |  |  | | --- | --- | | Question 6 of 20  5.0 Points  Non-functional testing includes:   |  | | --- | |  |   A. Gaining user approval for the system      B. Testing the quality attributes of the system including reliability and usability      C. Testing to see where the system does not function correctly      D. Testing a system feature using only the software required for that function | | Question 7 of 20  5.0 Points  Which testing is used to verify that the system can perform properly when internal program or system limitations have been exceeded?   |  | | --- | |  |   A. Performance Testing      B. Volume testing      C. Stress Testing      D. Load Testing | | Question 8 of 20  5.0 Points  Which of the following is not part of performance testing?   |  | | --- | |  |   A. Simulating many users      B. Measuring transaction rates      C. Measuring response time      D. Recovery testing | | Question 9 of 20  5.0 Points  Which of the following is a non-functional quality characteristic?   |  | | --- | |  |   A. Maintenance      B. Usability      C. Regression      D. Feasibility | | Question 10 of 20  5.0 Points  Which of the following list contains only non-functional testing types?   |  | | --- | |  |   A. Interoperability (compatibility) testing, reliability testing, performance testing      B. Load testing, stress testing, volume testing, portability testing      C. Testing various configurations, beta testing, load testing      D. System testing, performance testing | |
| |  |  | | --- | --- | | Part 3 of 4 - Structure Testing | 25.0 Points |  |  |  | | --- | --- | | Question 11 of 20  5.0 Points  What is the smallest number of test cases required to Provide 100% branch coverage? If(x>y) x=x+1; else y=y+1; while(x>y) { y=x\*y; x=x+1; }   |  | | --- | |  |   A. 1      B. 4      C. 3      D. 2 | | Question 12 of 20  5.0 Points  This part of a program is given: WHILE (condition A) Do B END WHILE How many decisions should be tested in this code in order to achieve 100% decision coverage?   |  | | --- | |  |   A. Indefinite      B. 2      C. 1      D. 4 | | Question 13 of 20  5.0 Points  How many structure testing types are introduced in the topic?   |  | | --- | |  |   A. 4      B. 3      C. 5      D. 6 | | Question 14 of 20  5.0 Points  Given the following: Switch PC on Start "outlook" IF outlook appears THEN Send an email Close out look   |  | | --- | |  |   A. 2 tests for statement coverage, 2 for branch coverage      B. 1 test for statement coverage, 1 for branch coverage      C. 1 test for statement coverage, 2 for branch c overage      D. 1 test for statement coverage. 3 for branch coverage | | Question 15 of 20  5.0 Points  Which of the following techniques is NOT a White box technique?   |  | | --- | |  |   A. Condition Coverage      B. Boundary value analysis      C. Decision Testing and coverage      D. Statement Testing and coverage | |
| |  |  | | --- | --- | | Part 4 of 4 - Testing related to changes | 25.0 Points |  |  |  | | --- | --- | | Question 16 of 20  5.0 Points  The term confirmation testing is synonymous to   |  | | --- | |  |   A. Exploratory testing      B. Regression testing      C. Exhaustive testing      D. Re- testing | | Question 17 of 20  5.0 Points  Which of the following is TRUE?   |  | | --- | |  |   A. Confirmation testing and Regression testing are both testing fixes to a set of defects      B. Confirmation testing and Regression testing are both testing to establish whether any defects have been introduced as a result of changes      C. Confirmation testing is testing to establish whether any defects have been introduced as a result of changes and Regression testing is testing fixes to a set of defects      D. Confirmation testing is testing fixes to a set of defects and regression testing is testing to establish whether any defects have been introduced as a result of changes | | Question 18 of 20  5.0 Points  The difference between re-testing and regression testing is   |  | | --- | |  |   A. Re-testing is done after faults are fixed; regression testing is done earlier      B. Re-testing looks for unexpected side effects; regression testing is repeating those tests      C. Re-testing is done by developers, regression testing is done by independent testers      D. Re-testing is running a test again; regression testing looks for unexpected side effects | | Question 19 of 20  5.0 Points  A regression test   |  | | --- | |  |   A. Will help ensure changed areas of the software have not been affected      B. Can only be run during user acceptance testing      C. Will help ensure unchanged areas of the software have not been affected      D. Will always be automated | | Question 20 of 20  5.0 Points  When a defect is detected and fixed then the software should be retested to confirm that the original defect has been successfully removed. This is called   |  | | --- | |  |   A. Regression testing      B. None of the above      C. Confirmation testing      D. Maintenance testing | |