MCQ Quiz-1(PMSCS-670)

Total points 10/25

Email *

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0 of 0 points

Class Roll *

CSE202002114

Questions

10 of 25 points

There are 25 MCQ questions. Each of them have point value 1.

Criteria based test design requires much of a traditional CS degree. 1/1

✓ ● True
○ False

Suppose, while doing ISP you have identified 3 characteristics and partitioned them into {3,6,4} blocks. Now, for Each Choice Coverage(ECC) there will be at least _______ test cases. 0/1

○ 72
○ 3
✓ ○ 6
● 4

The aim of _______ is to determine whether the software or application is accessible for disabled people or not. 1/1

○ Alpha Testing
● Accessibility Testing
○ Compatibility Testing
○ Regression Testing

Embedding test values into executable scripts is done in which MDTD activities? 0/1

○ Test Execution
✓ ○ Test Automation
○ Test Design
● Test Evaluation

Suppose, while doing ISP you have identified 4 characteristics and partitioned into {2,4,4,5} blocks. Now for All Combination Coverage(ACoC) there will be at least _______ test cases. 0/1

● 20
○ 15
✓ ○ 160
○ 120

ISP can be applied to _______. 1/1

○ Unit
○ Integration
○ System
● All of the above

Suppose, while doing ISP you have identified 3 characteristics and partitioned into {5,6,6} blocks. Now for Pair-Wise Choice Coverage(PWC) there will be at least _______ test cases. 0/1

○ 30
✓ ○ 36
○ 180
● 42

How easy it is to provide a program with the needed inputs, in terms of values, operations, and behaviors is called _______. 0/1

✓ ○ Controllability
● Observability
○ Abstraction
○ Automation

Functional describes ___(1)___ the product does whereas Non Functional describes ___(2)___ the product works. 1/1

● (1) what, (2) how
○ (1) how, (2) how
○ (1) how, (2) what
○ (1) what, (2) what

In the traditional Software Testing “V Model” which of the following testing is mapped with the "Subsystem Design" phase? 0/1

● Acceptance Testing
✓ ○ Integration Testing
○ Module Testing
○ System Testing

_______ is to check how much load or maximum workload a system can handle without any performance degradation. 1/1

○ Stress Testing
● Load Testing
○ Boundary Value Testing
○ Performance Testing

Testing how modules interact with each other is known as _______. 0/1

● System testing
○ Unit testing
○ Module testing
✓ ○ Integration testing

Both the functional and non-functional testing are easy to perform manually. 1/1

○ True
● False

Determining whether the completed software in fact meets the requirement is known as _______ testing. 0/1

○ Module
✓ ○ Acceptance
○ System
○ Integration

The process of repeating the same test cases again and again, eventually, the same test cases will no longer find new bugs is called _______. 0/1

● Early Testing
✓ ○ Pesticide Paradox
○ Absence of Error-Fallacy
○ Defect Clustering

Intra-class testing is _______. 1/1

○ Test pairs of methods in the same class.
● Test an entire class as sequences of calls.
○ Test multiple classes together.
○ Test each method individually.

Consider the function: public boolean findElement (List list, Object element). Now for IDM, which of the following characteristics belong to the interface based approach? 0/1

✓ ○ list is empty
○ element occurs first in list
● number of occurrences of element in list (0, 1, >1)
○ element occurs last in list

_______ is designed to assess individual modules in isolation, including how the component units interact with each other and their associated data structures. 0/1

● Unit testing
○ System testing
✓ ○ Module testing
○ Integration testing

The objective of Happy Path Testing is _______. 1/1

○ to check the robustness of the application
○ to check how much load or maximum workload a system can handle without any performance degradation
○ to check if an application or system gets crashed by providing random input values/data
● to test an application successfully on a positive flow

Which of the following is not functional testing? 1/1

○ Acceptance Testing
○ Sanity Testing
● Compatibility Testing
○ Integration Testing

Specific things that must be satisfied or covered during testing is called _______. 0/1

✓ ○ Test Requirements
● Test Criterion
○ Test Harness
○ None of the above

Which of the following is not non-functional testing? 1/1

○ Performance Testing
○ Recovery Testing
○ Load Testing
● Regression Testing

Which of the following is not part of the Input Domain? 0/1

○ User Level inputs
○ Parameters to a method
✓ ○ Counter variable of a loop.
● Data read from a file

Derive tests from external descriptions of the Derive tests from the source code internals of the software, specifically including branches, individual conditions, and statements is known as _______ testing. 0/1

○ Regression
✓ ○ White Box
● Black Box
○ Model-based

Suppose, while doing ISP you have identified 3 characteristics and partitioned into {6,6,7} blocks. Now for Base Choice Coverage(BCC) there will be at least _______ test cases. 0/1

✓ ○ 17
○ 19
● 12
○ 16

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