Đã bắt đầu vào lúc	Thứ ba, 16 Tháng năm 2023, 12:24 AM
Tình trạng	Đã hoàn thành
Hoàn thành vào lúc	Thứ ba, 16 Tháng năm 2023, 12:35 AM
Thời gian thực hiện	10 phút 33 giây
Điểm	**6,00** của 10,00 (**60**%)

Câu hỏi 1

Chính xác

Điểm 1,00 của 1,00

In black-box testing method, ___ .

Chọn một:
- ○ a. When a test-case confirms a defect/error, there is no guarantee of determining the caused piece of code.
- ◉ b. All of the other answers are correct. ✔
- ○ c. In some circumstance, it is very hard to predict the output of executing the under-tested software/unit.
- ○ d. One needs test-cases in the three input areas: outside, inside and on the boundary.

Câu trả lời đúng là: All of the other answers are correct.

Câu hỏi 2

Chính xác

Điểm 1,00 của 1,00

For the requirement testing, which testing method should be used?

Chọn một:
- ◉ a. Black-box: generate the test-cases for all situations and test again the system without knowledge about the internal structure of the ✔ software.
- ○ b. White-box: need to know the internal structure of the software before testing the requirement.
- ○ c. All of the other answers are correct.
- ○ d. Black-box or white-box are good, no matter what the requirement is.

Câu trả lời đúng là: Black-box: generate the test-cases for all situations and test again the system without knowledge about the internal structure of the software.

Câu hỏi 3

Chính xác

Điểm 1,00 của 1,00

In which of the following case, the while-box testing approach cannot reach 100% decision coverage?

Chọn một:

- ⦿ a. A piece of code that has a loop/recursion. ✔
- ◯ b. A piece of code that has many functions/methods.
- ◯ c. A piece of code that has only sequential statements.
- ◯ d. A piece of code that has many branches (if then else, for example).

Câu trả lời đúng là: A piece of code that has a loop/recursion.

Câu hỏi 4

Không chính xác

Điểm 0,00 của 1,00

What do we do in impact analysis?

Chọn một:

- ◯ a. Fault repair for fixing the fault.
- ◯ b. Pointing out things that need to be changed/upgraded for a new requirement.
- ⦿ c. All of that of the other answers. ✖
- ◯ d. Release a new version to convince the customer.

Câu trả lời đúng là: Pointing out things that need to be changed/upgraded for a new requirement.

Câu hỏi 5

Không chính xác

Điểm 0,00 của 1,00

What do we do in re-engineering?

Chọn một:

- ⦿ a. All of that of the other answers. ✖
- ◯ b. Re-structuring or re-writing part or all of a legacy system without changing its functionality.
- ◯ c. Reduce the size of the system.
- ◯ d. Adding effort to make system has more functionality.

Câu trả lời đúng là: Re-structuring or re-writing part or all of a legacy system without changing its functionality.

Câu hỏi 6

Không chính xác

Điểm 0,00 của 1,00

For a legacy system with low quality and totally have no business value, ___ .

Chọn một:
- a. simply replace it by another higher quality software even though the new software has less functionalities. ✖
- b. keep it for future requirements, if any.
- c. Any of the other answers.
- d. remove it completely.

Câu trả lời đúng là: remove it completely.

Câu hỏi 7

Chính xác

Điểm 1,00 của 1,00

For the function welcomeNew(String firstName, String lastName, int age, String gender, String occupation, String city) to print a welcome message to a new employee, what do we do when refactoring?

Chọn một:
- a. Duplicate code to print also a welcome back message to an employee after vacation.
- b. All of that of the other answers.
- c. Make a new class Person consists of firstName, lastName, age, gender, occupation, and city; then change the function into welcomeNew(Person newEmployee).   ✔
- d. Reduce as welcomeNew(String fullName) for short message.

Câu trả lời đúng là: Make a new class Person consists of firstName, lastName, age, gender, occupation, and city; then change the function into welcomeNew(Person newEmployee).

Câu hỏi 8

Chính xác

Điểm 1,00 của 1,00

When would we stop the testing period?

Chọn một:
- a. Reach the end of testing period.
- b. Reach the stoping criteria, for example at 95% statement coverage or 99% defects have been discovered.
- c. All of the other answers are correct, depended on the testing strategy. ✔
- d. 100% of test-cases has been tested.

Câu trả lời đúng là: All of the other answers are correct, depended on the testing strategy.

Câu hỏi 9

Chính xác

Điểm 1,00 của 1,00

When to do refactoring?

Chọn một:
- a.   All of that of the other answers. ✔
- b.   Long methods.
- c.   Data clumping: a group of data (parameters, variables) is used multiply can be replaced by an object consists of all the data.
- d.   Duplicate code.

Câu trả lời đúng là: All of that of the other answers.

Câu hỏi 10

Không chính xác

Điểm 0,00 của 1,00

For the following requirement, which test-case(s) should NOT be used to test? "If a patient is known to be allergic to any particular medication, then prescription of that medication shall result in a warning message being issued to the system user."

Chọn một:
- a.   Prescribe two drugs that the patient is allergic to. Check that two warnings are correctly issued.
- b.   All test-cases from the other answers are good.
- c.   Set up a doctor who has allergies to a drug. Check that the warning is issued when the doctor give the drug to his/her patients.
- d.   Set up a patient record in which allergies to three drugs are recorded. Prescribe all of these drugs separately and check that the   ✖
      correct warning for each drug is issued.

Câu trả lời đúng là: Set up a doctor who has allergies to a drug. Check that the warning is issued when the doctor give the drug to his/her patients.

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