Status	Finished
Started	Sunday, 24 November 2024, 4:08 PM
Completed	Sunday, 24 November 2024, 4:19 PM
Duration	10 mins 32 secs
Grade	**9.00** out of 10.00 (**90**%)

Question **1**

Correct

Mark 1.00 out of 1.00

Stages in software evolution and servicing are __ .

Select one:

○ a. Requirement Receive, Analysis and Design, Development, Deliver, Maintenance.

◉ b. Development, Evolution, Service, Phase-out (Retirement). ✔

○ c. Analysis, Design, Implement, Test, Deliver.

○ d. Requirement Receive, Development, Maintenance.

The correct answer is: Development, Evolution, Service, Phase-out (Retirement).

[Correct]
Marks for this submission: 1.00/1.00.

Question **2**

Correct

Mark 1.00 out of 1.00

Why "software change is inevitable"?

Select one:

○ a. The business environment changes;

◉ b. All of the other answers are correct. ✔

○ c. New requirements emerge when the software is used;

○ d. Errors must be repaired;

The correct answer is: All of the other answers are correct.

[Correct]
Marks for this submission: 1.00/1.00.

Question 3

Incorrect

Mark 0.00 out of 1.00

Which of the following explanations is INCORRECT?

Select one:

- a. Validation testing: test if the software fulfill all required services/constraints
- b. Defect testing: test for hunting defects
- c. Unit testing: test each software service/functionality
- d. Regression testing: test a new developed software build/version comparing to the previous build/version ✗

The correct answer is: Unit testing: test each software service/functionality

Incorrect

Marks for this submission: 0.00/1.00.

Question 4

Correct

Mark 1.00 out of 1.00

In white-box testing method, ___ .

Select one:

- a. The internal structure/design/implementation of the item being tested is known to the tester.
- b. In theory, we need to exercise all statements (statement coverage) or branches/decisions in the tested item (branch/decision coverage).
- c. All of the other answers are correct ✓
- d. We use test-cases to exercise paths in the tested item.

The correct answer is: All of the other answers are correct

Correct

Marks for this submission: 1.00/1.00.

Question **5**

Correct

Mark 1.00 out of 1.00

Which of the followings are types of system test?

Select one:

○ a.   Security, Usability, Performance, Electric Power Consumption.

○ b.   Bug, Usability, Performance, Compatibility.

◉ c.   Security, Usability, Performance, Install-ability. ✔

○ d.   All of the other answers are correct

The correct answer is: Security, Usability, Performance, Install-ability.

Correct

Marks for this submission: 1.00/1.00.

Question **6**

Correct

Mark 1.00 out of 1.00

In black-box testing method, ___ .

Select one:

◉ a.   All of the other answers are correct. ✔

○ b.   The tester executes the test item with some inputs and compare the outputs with expected results.

○ c.   In many circumstances, the testing environment should be prepared before the test.

○ d.   The internal structure/design/implementation of the item being tested is not known to the tester.

The correct answer is: All of the other answers are correct.

Correct

Marks for this submission: 1.00/1.00.

Question 7

Correct

Mark 1.00 out of 1.00

Which of the following is correct?

Select one:

- ⦿ a. Software testing can only confirm the defects/errors but cannot confirm the absent of them. ✓
- ⦾ b. Software testing can only be started after the software development period.
- ⦾ c. Software testing guarantees that all defects/errors will be found.
- ⦾ d. All of the other answers are correct.

The correct answer is: Software testing can only confirm the defects/errors but cannot confirm the absent of them.

Correct

Marks for this submission: 1.00/1.00.

Question 8

Correct

Mark 1.00 out of 1.00

Which of the following is not a legacy stem category?

Select one:

- ⦾ a. Low-quality, low-business value; Low-quality, high-business value.
- ⦿ b. Low-quality, low-quantity; High-quality, high-quantity. ✓
- ⦾ c. High-quality, low-business value; High-quality, high business value.

The correct answer is: Low-quality, low-quantity; High-quality, high-quantity.

Correct

Marks for this submission: 1.00/1.00.

Question 9

Correct

Mark 1.00 out of 1.00

Which step in the evolution process is the most important step?

Select one:

○ a. Fault repair when it helps fixing the fault.

○ b. "Requirement receiving" when it helps to discover new requirements (including new functionalities/fixing).

○ c. Release a new version because we need to convince the customer.

◉ d. Impact analysis when it helps in pointing out things that need to be changed/upgraded for a new   ✓
      requirement.

The correct answer is: Impact analysis when it helps in pointing out things that need to be changed/upgraded for a new requirement.

Correct

Marks for this submission: 1.00/1.00.

Question 10

Correct

Mark 1.00 out of 1.00

Re-engineering activities include _____.

Select one:

○ a. Source code analysis for creating another software.

○ b. Convert the software binary code to another binary language.

○ c. All activities from the other answers.

◉ d. Source code/Data re-structuring. ✓

The correct answer is: Source code/Data re-structuring.

Correct

Marks for this submission: 1.00/1.00.