Quiz review

Started on	Saturday, 18 May 2024, 1:34 PM
State	Finished
Completed on	Saturday, 18 May 2024, 1:39 PM
Time taken	5 mins 8 secs
Marks	8.00/8.00
Grade	**100.00** out of 100.00
Feedback	Congratulations!!! You have passed by securing more than 80%

Question 1
Correct

Mark 1.00 out of 1.00

Which conforms that the software meets its technical specifications?

Select one:

○ a.   Validation

○ b.   Design

◉ c.   Verification ✔

○ d.   Defect finding

Your answer is correct.

Verification conforms that the software meets its technical specifications

The correct answer is:
Verification

Question 2

Correct

Mark 1.00 out of 1.00

The software is put into operation in the client's environment. The client comes back to enhance the UI to attract more customers. This phase is called as _____

Select one:

○ a. Maintenance ✔

○ b. Development

Your answer is correct.

Any change that is made to the software after it is deployed is known as maintenance

The correct answer is:
Maintenance

Question 3

Correct

Mark 1.00 out of 1.00

Match the appropriate usage of the SDLC process models, based on the nature of requirements

When the requirements are unstable [Use the Evolutionary prototype ⇕] ✔

When the requirements are unclear [Use the Throw away prototype ⇕] ✔

Your answer is correct.

When the requirements are unclear use the Throw away prototype and when the requirements are unstable use the evolutionary prototype

The correct answer is: When the requirements are unstable → Use the Evolutionary prototype, When the requirements are unclear → Use the Throw away prototype

Question 4

Correct

Mark 1.00 out of 1.00

Which of the below is one of the phase of the prototype model?

- ○ a. Detailed HLD phase
- ○ b. Detailed Coding
- ● c. Quick design ✔
- ○ d. Extensive testing

Your answer is correct.

The correct answer is:
Quick design

Question 5

Correct

Mark 1.00 out of 1.00

Match the phases of the Rapid Application Development model against their objectives

Process modeling

| Data objects are converted to achieve the business objective ⬍ | ✔ |

Application generation

| Automated tools are used to convert process models into the actual system ⬍ | ✔ |

Testing and turnover

| New components along with all the interfaces are tested ⬍ | ✔ |

Data modeling

| Information gathered from business modeling is used to define data objects ⬍ | ✔ |

Business modeling

| The information flow is identified between various modules ⬍ | ✔ |

Your answer is correct.

Business modeling - information flow between various modules, Data modeling - define data objects, Process modeling - CRUD of data objects are determined, Application generation - convert process models into the actual system,Testing and turnover - new components are tested

The correct answer is:
Process modeling → Data objects are converted to achieve the business objective, Application generation → Automated tools are used to convert process models into the actual system, Testing and turnover → New components along with all the interfaces are tested,
Data modeling → Information gathered from business modeling is used to define data objects,
Business modeling → The information flow is identified between various modules

Question 6

Correct

Mark 1.00 out of 1.00

High-risk or major functions are addressed in the first cycles there by delivering an operational product. Which of the SDLC process models achieves this?

Select one:

- ○ a. Incremental model ✔
- ○ b. Waterfall model
- ○ c. Spiral Model
- ○ d. RAD model

Your answer is correct.

High-risk or major functions are addressed in the first increment cycles and each release delivers an operational product

The correct answer is: Incremental model

Question 7

Correct

Mark 1.00 out of 1.00

Beta technologies has undertaken a collision avoidance system software to be implemented for airports. Additional safety measures have to be automated by warning pilots when another aircraft gets closer, otherwise impacts are huge. Which of the following SDLC process models best suits the requirement?

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Select one:

- ○ a. Waterfall model
- ○ b. V model
- ○ c. Spiral model ✔
- ○ d. Evolutionary prototyping model

Your answer is correct.

Spiral model is used when risks perceived is high

The correct answer is: Spiral model

Question 8

Correct

Mark 1.00 out of 1.00

The student mark processing system software has been developed and deployed at the St. Peters university. The system shows the grade as 0 for all the students rather than the actual grade. Which phase below was not done properly during the SDLC?

Select one:

○ a. Software Testing ✔

○ b. Software Design

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○ c. Software Maintenance

○ d. Software Analysis

Your answer is correct.

Testing is done on the software product developed to find defects

The correct answer is:
Software Testing

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Run-Through ►

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