

- Software Engineering Concepts
- General
- Software Engineering Fundamentals
- Requirement Analysis
- Basics Of Testing
- Software Maintenance

Configuration Management And Version Control

- Introduction to Agile Technologies
- Hands-On
- Dashboard
- Help Desk

Dashboard / Software Engineering Concepts / Configuration Management And Version Control / Test Your Understanding

Started on	Monday, 9 March 2020, 4:49 PM
State	Finished
Completed on	Monday, 9 March 2020, 4:51 PM
Time taken	1 min 50 secs
Marks	4.25/5.00
Grade	85.00 out of 100.00
Feedback	Congratulations!! You have passed by securing more than 80%

Question 1

Correct
Mark 1.00 out of 1.00
Flag question

Which maintenance includes all efforts to refine the quality of the software or the document?

Select one:

- ☒ a. Perfective Maintenance ✓
- ☐ b. Corrective Maintenance
- ☐ c. Adaptive Maintenance
- ☐ d. Preventive Maintenance

Your answer is correct.

Perfective Maintenance includes all efforts to polish or refine the quality of the software or the document

The correct answer is: Perfective Maintenance

Question 2

Correct
Mark 1.00 out of 1.00
Flag question

Match the scenarios against the types of Maintenance

The fare details are updated in the Railway reservation software to reflect the increase in fare

Adaptive Maintenance



The UI of the managetrip.com is refined to include more options for Booking tickets and venues

Perfective Maintenance



Client comes back for a change to be made in the Billing report getting generated due to incorrect rounding of amount

Corrective Maintenance

Quiz navigation



Finish review

due to incorrect rounding of amount



Your answer is correct.

Corrective maintenance is concerned with fixing errors that are observed when the software is in use.

Perfective maintenance involves making functional enhancements to the system.

Adaptive maintenance involves adapting the software to changes in the working environment

The correct answer is: The fare details are updated in the Railway reservation software to reflect the increase in fare → Adaptive Maintenance, The UI of the managetrip.com is refined to include more options for Booking tickets and venues → Perfective Maintenance, Client comes back for a change to be made in the Billing report getting generated due to incorrect rounding of amount → Corrective Maintenance

Question 3

Partially correct

Mark 0.25 out of 1.00

Flag question

Arrange the steps involved in the Maintenance process

✓ Impact Analysis

✗ System release

✗ System release planning

✗ Change Implementation

Your answer is partially correct.

When a change request comes, Change Control Board first does an impact analysis and does the system release planning. The changes are then implemented and released.

The correct order for these items is as follows:

1. Impact Analysis
2. System release planning
3. Change Implementation
4. System release

Question 4

Correct

Mark 1.00 out of 1.00

Identify the correct facts about Maintenance

Select one or more:

☒ a.

It is affected by both technical and non technical factors ✓

Flag
question

- ☒ b. Aging software can have high support costs ✓
- ☐ c. Maintenance costs are lesser than the development cost

Your answer is correct.

Maintenance costs are greater than the development cost.

It is affected by both technical and non technical factors.

Aging software can have high support costs (e.g. old languages, compilers etc.).

The correct answers are:

It is affected by both technical and non technical factors, Aging software can have high support costs

Question 5

Correct

Mark 1.00
out of 1.00

Flag
question

Match the terms involved in Maintenance and its objectives

Software
maintenance

Changes are made in response to changed requirements but the fundamental software structure is stable



Architectural
transformation

The system is modified from a centralized to a distributed platform



Software re-
engineering

New functionalities are not added to the system but it is restructured and reorganized



Your answer is correct.

Software maintenance - Changes are made in response to changed requirements but the fundamental software structure is stable

Architectural transformation - The system is modified from a centralized to a distributed architecture / platform

Software re-engineering - New functionalities are not added to the system but it is restructured and reorganized to facilitate further changes

The correct answer is:

Software maintenance → Changes are made in response to changed requirements but the fundamental software structure is stable, Architectural transformation → The system is modified from a centralized to a distributed platform, Software re-engineering → New functionalities are not added to the system but it is restructured and reorganized

Finish review



Powered by Tekstac

