Test Bank Questions ([20])

[System Integration]- [IT 440]

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Reference: Effective Methods for Software and Systems Integration

1. Defines or references processes and procedures used to integrate defined work products, systems or subsystems into a software and systems integration environment.
2. Software Tools
3. Software/Systems Integration Plan
4. Source Code
5. Subcontractor Plan
6. Detailed integration plans are used with \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ procedures to execute integration testing in the facility.
7. Plans
8. Programs
9. Test
10. Audit
11. A software qualification test occurs where work products are separated from systems and hardware configuration units associated with other assigned work products.

Answer false

1. To ensure systems integration facility operations are conducted, systems are \_\_\_\_\_\_\_\_\_\_, and performance is measured.
2. Integrated
3. Separated
4. All of the above
5. None of the above
6. The facility is configured to \_\_\_\_\_\_\_\_ design and test operations.
7. Connect
8. Separate
9. Support
10. Document
11. The test team works inside the facilities’ operations with other \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ personnel.(Choose two)
12. Management
13. Customers
14. Systems
15. Software
16. In current states of software design/development and qualification tests, \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_ become increasingly complex. (Choose two)
17. Programs
18. Requirements
19. Plans
20. Testing
21. The test team is responsible for formal qualifications of a specified system requirement.

Answer true

1. What is the first step in the model for integration testing?
2. Develop Procedures
3. Develop Test
4. Acceptance Test
5. Initiate Audit
6. Give an example of two forms of documentation that would typically be used for the formal qualification phase.
7. Test and analysis reports
8. Integration and installation procedures
9. Software Drawings
10. Customer surveys
11. The documentation software required for the formal qualification phase defines and documents the progression and interdependency of test artifacts.

Answer true

1. The verification method is used when performing an operation to discover problems and verifying visually.
2. Verification and Validation
3. Problem Discovery
4. Problem Reports
5. Quality Checklist
6. A quality checklist will provide: (Choose two)
7. Software Pricing
8. Recorded results, including any non compliances or observations
9. Measurement data produced during the audit
10. Customer Feedback
11. The validation process is performed by the software team to ensure compliance to plans, procedures, and data inside integration facilities.

Answer false

1. Many late nights and early mornings, the software quality team is required to support software and systems integration activities.

Answer true

1. Key measurement points are called milestones.

Answer true

1. When poor software and systems integration methods are not effective, program and project schedules lead to \_\_\_\_\_\_\_\_ problems with customers.
2. Limited
3. No
4. Major
5. Minor
6. Configuration Management is broken down into three main functions. The first function is Identification. Name two other functions.
7. Control
8. Changes
9. Administration
10. Accounting
11. The more quality teams adopt, the more successful they will become.

Answer true

1. The concept of assuring the customer that effective methods for software and systems integration have been compliant and do meet concrete requirement expectations.
2. Customer dissatisfaction
3. Customer satisfaction
4. All of the above
5. None of the above