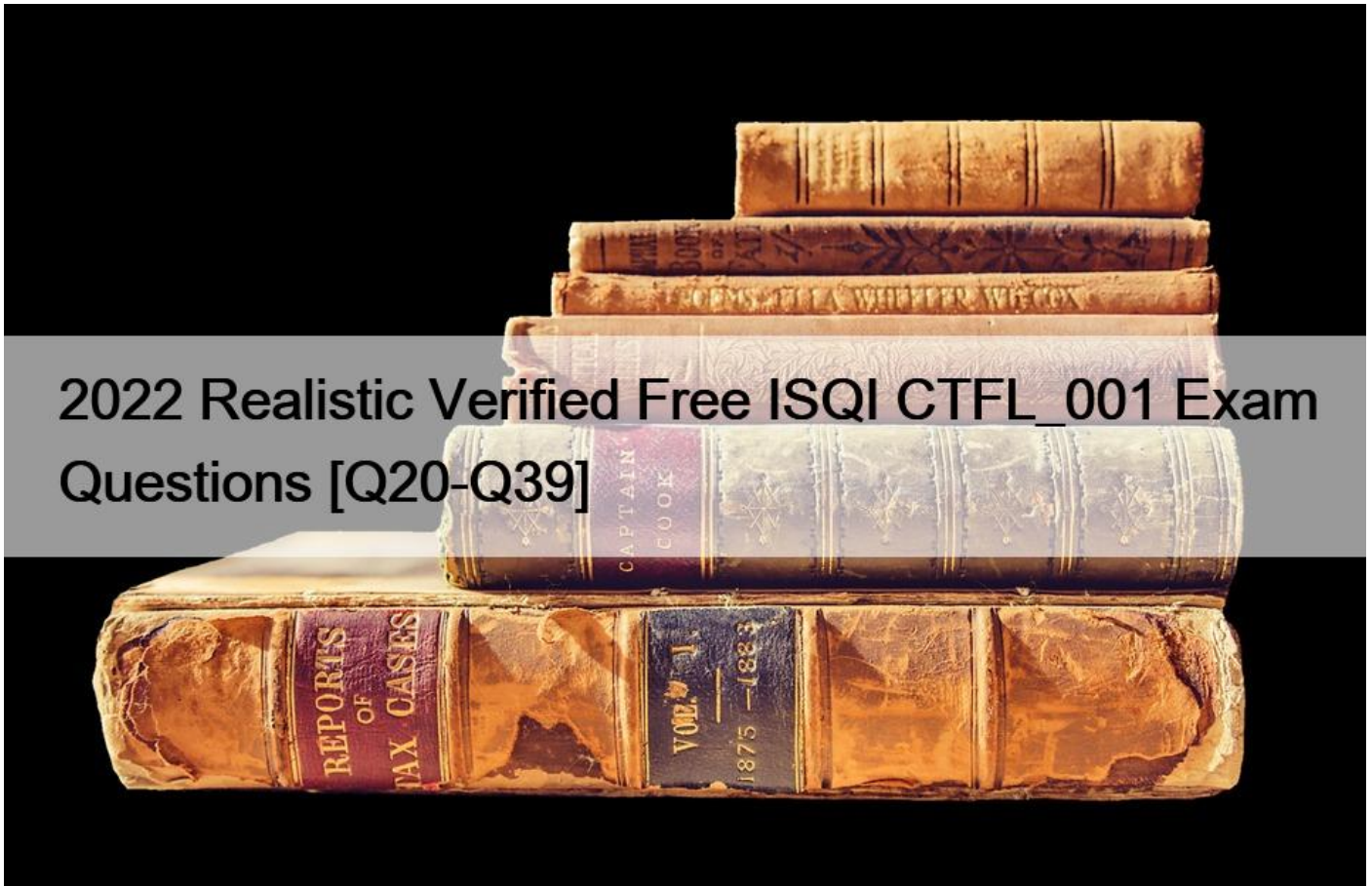


2022 Realistic Verified Free ISQI CTFL_001 Exam Questions [Q20-Q39]



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ISQI CTFL_001 Exam Syllabus Topics:

TopicDetailsTopic 1- Who wants a basic understanding of software testing such as project managersTopic 2- Planning and specification to the conducting and monitoring of testsTopic 3- Certificate will be able to go on to a higher level software testing qualification

NEW QUESTION 20

Which is not in sequence in 11 Step Software Testing process..?

- * Assess development plan and status
- * Develop the test plan
- * Test software design
- * Test software requirement

NEW QUESTION 21

Which pair of definitions is correct?

- * Regression testing is checking that the reported defect has been fixed; retesting is testing that there are no additional problems in previously tested software.
- * Regression testing is checking there are no additional problems in previously tested software; retesting enables developers to isolate the problem.
- * Regression testing involves running all tests that have been run before; retesting runs new tests.
- * Regression testing is checking that there are no additional problems in previously tested software, retesting is demonstrating that the reported defect has been fixed.

Regression testing is testing that nothing has regressed. Retesting (or confirmation testing) confirms the fix is correct by running the same test after the fix has been made. No other option has both of these as true.

NEW QUESTION 22

The business has asked for a weekly progress report. Which of the following would be appropriate as a measure of test coverage?

- * Percentage of business requirements exercised
- * Percentage of planned hours worked this week
- * Percentage of countries that have test scenarios
- * Percentage of test iterations completed

Explanation/Reference:

Testlet 1

The following is the current incident handling process in used at the company.

Step 1: Incident is documented in the incident Tile with the following information:

– Software module or area where the fault occurred

– Who has reported the fault

– Hardware configuration used for the test that found the fault

– The sequential incident number (1 greater than the last one recorded) Step 2: Developer assigned to fix the fault

Step 3: Developer fixes the fault

Step 4: Developer signs off the incident as closed, and it is then removed from the incident file

NEW QUESTION 23

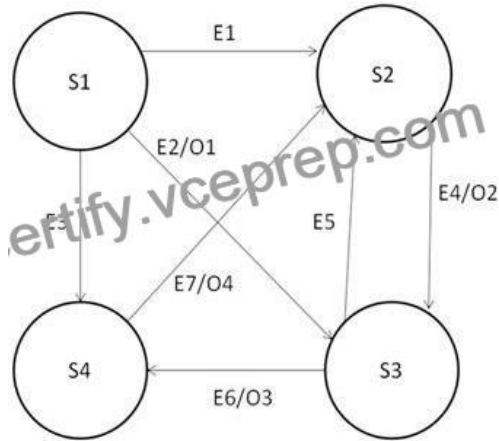
Which aspect in the test estimate is the main risk in this project? 1 credit

- * Quality of the specification
- * Availability of end-users
- * The costs of hardware and tools
- * Unknown input quality due to third party development

NEW QUESTION 24

A test case starts at S1 and triggers 4 events in sequence: E1, E4, E5, E7. What will be the finishing state and the output(s) from the test case?

Refer to the exhibit



- * S2 and O4
- * S4 and O2
- * S4 and O4
- * S2 and O2

Explanation/Reference:

NEW QUESTION 25

Which of the following is not a part of the Test Implementation and Execution Phase?

- * Creating test suites from the test cases
- * Executing test cases either manually or by using test execution tools
- * Comparing actual results
- * Designing the Tests

NEW QUESTION 26

Which of the following defines the expected result of a test?

- * Test case
- * Test procedure
- * Test execution schedule
- * Test condition

NEW QUESTION 27

Test script TransVal 3.1 tests transaction validation via screen TRN 003B. According to the specification (PID ver 1.3 10b iv) the validation screen should not accept future dated transactions. Test script TransVal

3.1 passes. Test script eod 1.4 tests end of day processing and is run after the execution of TransVal 3.1 using data entered during that test

Which of the following is the BEST detail on an incident report?

- * Title. End of Day failure.. Reproducible. Yes. Description. Script eod 1.4 fails when the first transaction of the day is a future dated transaction. Screen shot of the failure attached.
- * Title. Transaction input screen validation..Reproducible. Yes. Description. Script eod 1..4 fails . Screen shot of the failure attached. Validation of transaction entry on screen TRN-003B should not allow future dated transactions – see PID ver 1.3 para 10b iv.
- * Title. Screen TRN-003B validation of transaction date.. Reproducible. No. Description. When a future dated transaction is processed by the end of day process, a failure can occur. This does not always happen. Screen shot of the failure attached.
- * Title. Screen TRN-003B validation of transaction date. Reproducible. Yes. Description. Script eod 1.4 fails when the first transaction of the day is a future dated transaction. Screen shot of the failure attached. Validation of transaction entry on screen TRN-003B should not allow future dated transactions – see PID ver 1.3 para 10b iv.

NEW QUESTION 28

System testing is:

- * Used to search for defects in software modules that are separately testable.
- * The responsibility of the users of a system.
- * Concerned with the behavior of a whole system/product as defined by the scope of a development project.
- * Triggered by modifications, migration or retirement of the software system.

NEW QUESTION 29

In general, why is it NOT a good idea to estimate the testing effort based only on a percentage of development effort? Identify THREE valid reasons. 1 credit

- * The quality of the development estimate may be poor.
- * In general bottom-up estimation is always better than top-down estimation.
- * The percentage based technique only applies to the V life cycle model.
- * Using the same percentage every time does not address the level of risk of the application to be tested.
- * The maturity of the organization, e.g. the quality of the test basis, quality of development testing, configuration management, availability of test tools, also influence the effort needed for testing.
- * It builds on large set of historical data
- * The result is almost always a too low estimate for the required test effort

Topic 13, Scenario 8, V1 “Test Process Improvement”

You have been asked to investigate various test process Improvement models to be introduced for the next project. You have been asked to provide a comparison between the TMMi and TPI models and provide a recommendation.

NEW QUESTION 30

Why is independent testing important? [K1]

- * Because independent testers make fewer assumptions than developers
- * Because independent testers are isolated from the development team
- * Because independent testers can verify assumptions made during specification and implementation of the system
- * Because independent testers have a greater sense of responsibility for quality than developers

NEW QUESTION 31

Important consequences of the impossibility of complete testing are ..?

- * We can never be certain that the program is bug free
- * We have no definite stopping point for testing, which makes it easier for some managers to argue for very little testing
- * We have no easy answer for what testing tasks should always be required, because every task takes time that could be spent on

other high importance tasks

- * All of the above

NEW QUESTION 32

Since the system is in the medical domain and therefore in the safety critical area, testing needs to be rigorous and evidence is required that the system has been adequately tested.

Identify THREE measures that would typically be part of the test approach in this domain and which are not always applicable in other domains! 1 credit

- * High level of documentation
- * Failure Mode and Effect Analysis (FMEA) sessions
- * Traceability to requirements
- * Non-functional testing
- * Master test planning
- * Test design techniques
- * Reviews

NEW QUESTION 33

When a defect is detected and fixed then the software should be retested to confirm that the original defect has been successfully removed. This is called:

- * Regression testing
- * Maintenance testing
- * Confirmation testing
- * None of the above

NEW QUESTION 34

Acceptance test cases are based on what?

- * Requirements
- * Design
- * Code
- * Decision table

NEW QUESTION 35

Which is not the testing objective?

- * Finding defects
- * Gaining confidence about the level of quality and providing information
- * Preventing defects.
- * Debugging defects

NEW QUESTION 36

Which of the following does NOT represent one of the three triggers for maintenance testing an operational system?

- * Data migration
- * System retirement
- * System modification
- * Introduction of a test management tool

NEW QUESTION 37

Who is responsible for conducting test readiness review..?

- * Project Manager
- * Test Engineer
- * Test Manager
- * None of the above

NEW QUESTION 38

Which of the following are most characteristic of structure-based testing?

(i)

Information about how the software is constructed is used to derive test cases.

(ii)

Statement coverage and/or decision coverage can be measured for existing test cases.

(iii) The knowledge and experience of people are used to derive test cases.

(iv)

Test cases are derived from a model or specification of the system.

- * (i) and (ii)
- * (ii) and (iii)
- * (ii) and (iv)
- * (i) and (iii)

NEW QUESTION 39

Which of the following are examples of iterative development models?

(i) V-model

(ii) Rapid Application Development model

(iii) Waterfall model

(iv) Agile development model

- * (i) and (ii)
- * (ii) and (iii)
- * (ii) and (iv)
- * (iii) and (iv)

Explanation/Reference:

Explanation:

The other two models are sequential models.

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