

iSQI

Exam Questions CTFL_Syll2018

ISTQB Certified Tester Foundation Level (Syllabus 2018)



NEW QUESTION 1

- (Exam Topic 1)

Which of the following is a task of the Test Analysis and Design activity of the test process?

- A. Measuring the percentage of prepared test cases with what was actually prepared
- B. Identifying necessary test data to support the test conditions and test cases
- C. Verifying that the test environment has been set up correctly
- D. Checking test logs against the exit criteria specified in test planning

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

Which of the following test types is a part of the V-Model?

- A. Black-box testing
- B. White-box testing
- C. Experience-based testing
- D. Component testing

Answer: D

NEW QUESTION 3

- (Exam Topic 1)

Which of the following statements about decision tables are TRUE?

- A. Generally, decision tables are generated for low risk test items.I
- B. Test cases derived from decision tables can be used for component tests.II
- C. Several test cases can be selected for each column of the decision table.I
- D. The conditions in the decision table represent negative tests generally.
- E. I, III
- F. II, III
- G. II, IV
- H. I, IV

Answer: C

NEW QUESTION 4

- (Exam Topic 1)

Which of the following is a correct set of boundary values to test the "Group Size" parameter, as defined by the following statement;

"In a reservation system for groups visiting a small museum, the graphical user interface presents a field asking the number of group members. Group size can be anywhere from 2 to 20 visitors"

- A. 0,1,8,21,22
- B. 0,1,2,3,10,19,20,21,22
- C. 2,3,19,20
- D. 1,2,20,21

Answer: C

NEW QUESTION 5

- (Exam Topic 1)

A Software was re-deployed because the backend database was changed from one vendor to another The Test Manager decided to perform some functional tests on the redeployed system. This is an example of test of which test type?

- A. Regression tests
- B. Non-functional tests
- C. Structural tests
- D. Unit tests

Answer: A

NEW QUESTION 6

- (Exam Topic 1)

"Statement Testing" is part of;

- A. Experience based testing
- B. Decision Testing
- C. Specification Based testing
- D. Structured based testing

Answer: D

NEW QUESTION 7

- (Exam Topic 1)

Which of the following is NOT a factor on which test estimation is dependent upon?

- A. Defect debugging and resolution
- B. The outcome of testing of previous test cycle
- C. Characteristics of the development process
- D. Characteristics of the product

Answer: A

NEW QUESTION 8

- (Exam Topic 1)

Testing should provide sufficient information to stakeholders to make informed decisions about the release of the software or system being tested. At which of the following fundamental test process activity the sufficiency of the testing and the resulting information are assessed?

- A. Implementation and execution
- B. Requirements specification
- C. Evaluating exit criteria and reporting.
- D. Analysis and design

Answer: C

NEW QUESTION 9

- (Exam Topic 1)

Which ONE of the following statements does NOT describe how testing contributes to higher quality?

- A. Performing a review of the requirement specifications before implementing the system can enhance quality
- B. The testing of software demonstrates the absence of defects
- C. Properly designed tests that pass reduce the level of risk in a system
- D. Software testing identifies defects, which can be used to improve development activities.

Answer: B

NEW QUESTION 10

- (Exam Topic 1)

What is the difference between system integration testing and acceptance testing?

- A. System integration testing is testing non-functional requirements Acceptance testing concentrates on the functionality of the system
- B. System integration testing is executed by the developer
- C. Acceptance testing is done by the customer
- D. System integration testing verifies that a system interfaces correctly with other system
- E. Acceptance testing verifies compliance to requirements
- F. System integration testing verifies compliance to requirements Acceptance testing verifies correct interaction with other systems existing in the user's environment

Answer: B

NEW QUESTION 10

- (Exam Topic 1)

Which of the following statements is correct?

- A. Pair programming is done with developer and tester pairing together
- B. Pair programming is an alternative term for code inspection.
- C. Pair programming is used usually in waterfall model
- D. Pair programming is, among other things, an informal review method.

Answer: A

NEW QUESTION 13

- (Exam Topic 2)

How does software testing contribute to the quality of delivered software? [K2]

- A. By detecting and removing all the defects in the delivered code and ensuring that all tests adhere to the quality standards set for the project
- B. By measuring reliability of the software and ensuring that it is always above 99.99%
- C. By identifying root causes of defects from past projects and using the lessons learned to improve processes and thus help to reduce the defect count
- D. By detecting all deviations from coding good practice and ensuring that these are corrected

Answer: C

NEW QUESTION 15

- (Exam Topic 2)

What can testing demonstrate?

- A. Testing can demonstrate that there are no defects
- B. Testing can demonstrate that there are defects
- C. Testing can demonstrate that the software is correct
- D. Testing can demonstrate that there are no hidden defects in the software

Answer: B

NEW QUESTION 19

- (Exam Topic 2)

From the following list, which of the following apply to experience-based techniques? [K2]

- A. Test cases are derived from a model of the problem to be solved or the software
- B. Test cases are derived from the knowledge of the testers
- C. The knowledge of testers, developers and users is used to drive testing
- D. The internal structure of the code is used to derive test cases
- E. a and b.
- F. c and d.
- G. a and d.
- H. b and c.

Answer: D

NEW QUESTION 21

- (Exam Topic 2)

Which of the following are valid test objectives? (i) Finding defects.
(ii) Gaining confidence about the level of quality and providing information. (iii) Preventing defects.
(iv) Debugging the code.

- A. i, ii and iii
- B. i, ii and iv
- C. ii and iii
- D. i and iv

Answer: A

NEW QUESTION 24

- (Exam Topic 2)

Which of the following statements about use-case testing are most accurate? (i) In a use-case diagram an actor represents a type of user.
(ii) Use-cases are the most common test basis for unit testing.
(iii) A use-case describes interactions between actors.
(iv) An actor is always a human user that interacts with the system. (v) Test cases can be based on use-case scenarios.
(vi) Use-case testing will often identify gaps not found by testing individual components.

- A. ii, iii, iv, v
- B. i, iii, v, vi
- C. i, ii, iv, v
- D. iii, iv, v, vi

Answer: B

NEW QUESTION 25

- (Exam Topic 2)

Which of the following test case design techniques is white box (structure-based)? [K1]

- A. Use case testing
- B. State transition testing
- C. Decision testing
- D. Equivalence partitioning

Answer: C

NEW QUESTION 27

- (Exam Topic 2)

A client-server system for a web development must support a minimum of 200 enquiries per hour. In peak times, it must be available 24 hours x 7 days due to the critical nature of the application, and must have a response time lower than 20 seconds during peak loads.

Which of the following set of test types would be most appropriate to verify the non-functional requirements expressed in this statement?

- A. Performance, Usability, Regression.
- B. System, Load, Fail-over.
- C. Performance, Load, Stress.
- D. Load, Volume and Component.

Answer: C

NEW QUESTION 30

- (Exam Topic 2)

Which of the following test organizations has the highest level of independence?

- A. Independent testers within the development teams
- B. Independent testers from the user community
- C. Independent test specialists for specific test types, such as usability, performance or certification test specialists
- D. Code tested by another developer from the development team

Answer: C

NEW QUESTION 32

- (Exam Topic 2)

Which of the following would NOT be a typical target of testing support tools?

- A. Automate activities that require significant resources when done manually
- B. Automate activities that cannot be executed manually
- C. Automate repetitive tasks
- D. Automating repetitive inspections

Answer: D

NEW QUESTION 34

- (Exam Topic 2)

It is recommended to perform exhaustive tests for covering all combinations of inputs and preconditions.

- A. Yes, it's strongly recommended.
- B. No, risk analysis and priorities should be used to focus testing efforts
- C. Yes, and it's also necessary to include all the exit combinations
- D. Only the expert testers can make exhaustive tests.

Answer: B

NEW QUESTION 39

- (Exam Topic 2)

Which type of review has the following main purposes:

discussing, making decisions, evaluating alternatives, finding defects, solving technical problems and checking conformance to specifications, plans, regulations, and standards?

- A. Technical Review
- B. Inspection
- C. Walkthrough
- D. Informal review

Answer: A

NEW QUESTION 44

- (Exam Topic 2)

Which from the following list are typically found to enable the review process to be successful? [K2]

- A. Each review has clear defined objectives
- B. The lower the number of defects, the better the review process
- C. The right people for the review objective are involved
- D. There is an emphasis on learning and process improvement
- E. Management are not involved in the process at all
- F. Checklists should not be used, as these slow down the process
- G. Defects found are welcomed and expressed objectively
- H. a, f and g.
- I. b, c and f.
- J. a, c and d.
- K. d, e and g.

Answer: C

NEW QUESTION 47

- (Exam Topic 2)

Typically, exit criteria may consist of:

- A. Defining the amount, level of detail structure, and templates for the test documentation.
- B. Estimates of defect density or reliability measures.
- C. Adequacy of the test approaches taken.
- D. Discussions on disaster recovery.

Answer: B

NEW QUESTION 51

- (Exam Topic 2)

Which of the following is a valid objective of testing? [K1]

- A. Correcting defects
- B. Locating defects in the code
- C. Preventing defects
- D. Ensuring no defects are present

Answer: C

NEW QUESTION 56

- (Exam Topic 2)

Which of the following test design techniques is not a black box technique?

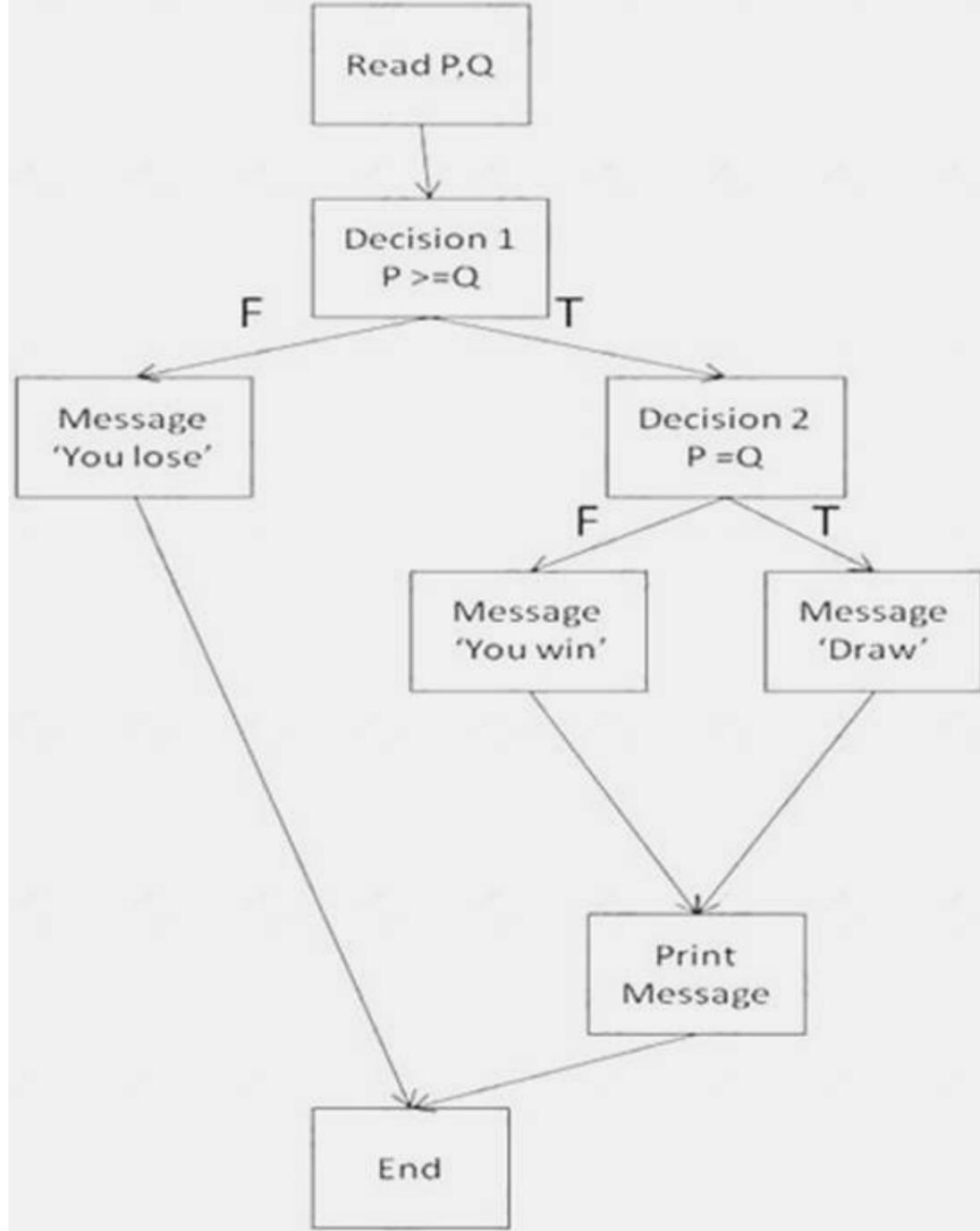
- A. Equivalence partitioning
- B. State transition testing
- C. Boundary value analysis
- D. Statement coverage

Answer: D

NEW QUESTION 58

- (Exam Topic 2)

Which of the test cases below will exercise both outcomes from decision 2? [K3] Refer to the exhibit



- A. P = 24, Q = 20, P=24, Q=25
- B. P = 36, Q = 36, P=37, Q=35
- C. P = 42, Q = 43, P=42, Q=42
- D. P = 37, Q = 36, P=35, Q=36

Answer: B

NEW QUESTION 60

- (Exam Topic 2)

Which of the following would be appropriate test objectives for user acceptance testing of the first release of a new software product aimed at a general market and built using Agile methods? [K2]

- A. To identify as many defects as possible
- B. To maximise code coverage
- C. To ensure the product works as expected
- D. To assess the overall quality of the product
- E. To determine the reliability of the product
- F. b and c
- G. a and d
- H. b and e
- I. c and d

Answer: D

NEW QUESTION 61

- (Exam Topic 2)

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? [K3]

- A. Title
- B. End of Day failure.. Reproducible
- C. Yes
- D. Description
- E. Script eod 1.4 fails when the first transaction of the day is a future dated transaction
- F. Screen shot of the failure attached.
- G. Title
- H. Transaction input screen validation..Reproducible
- I. Yes
- J. Description
- K. Script eod 1..4 fails . Screen shot of the failure attached
- L. Validation of transaction entry on screen TRN-003B should not allow future dated transactions – see PID ver 1.3 para 10b iv.
- M. Title
- N. Screen TRN-003B validation of transaction date.. Reproducible
- O. No
- P. Description
- Q. When a future dated transaction is processed by the end of day process, a failure can occur
- R. This does not always happen
- S. Screen shot of the failure attached.
- T. 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.

Answer: D

NEW QUESTION 66

- (Exam Topic 2)

A bank is developing a new service that will be delivered via the web. The user interactions are defined as a set of use cases and the service is designed to be available continuously 24/7. In view of the challenging characteristics of the service the test manager has decided that the code should be thoroughly tested at component level.

Which of the following test types will be required during the development? [K2]

- A. Functional testing to test security at the system level, load testing at the system level to ensure the system availability is acceptable, regression testing at all levels, structure based testing at the component level only
- B. Functional testing to test the use cases at component level, reliability testing to test availability at the integration level, regression testing at the system testing level only, structure based testing at all levels
- C. Functional testing of the use cases at system level, load testing at component level to ensure availability is acceptable, regression testing at the system and acceptance levels only, and structure based testing at the integration level only
- D. Functional testing to test security at the acceptance level, load testing at the acceptance test level to ensure availability is acceptable, regression testing at the acceptance level only to ensure late changes are made correctly, and structure based testing at the component level

Answer: A

NEW QUESTION 68

- (Exam Topic 2)

What is the value of static code analysis?

- A. Detection of failures not easily found by other types of testing
- B. Early defect detection
- C. Detection of suspicious operations caused by deviations from regulations
- D. Detect deviations in standards by executing the source code

Answer: B

NEW QUESTION 73

- (Exam Topic 2)

Which statement correctly describes debugging? [K2]

- A. Testers identify defects, developers locate and correct defects, testers confirm the correction has cleared the original defect
- B. Developers identify defects, testers locate defects, developers correct and confirm the correction has cleared the original defect
- C. Testers identify and locate defects, developers correct defects and confirm the correction has cleared the original defect
- D. Developers identify, locate and correct defects, testers confirm the correction has cleared the original defect

Answer: A

NEW QUESTION 77

- (Exam Topic 3)

During which stage of the fundamental test process is the testability of requirements evaluated?

- A. Test Execution.
- B. Test Planning.
- C. Test Design.
- D. Test Analysis.

Answer: D

NEW QUESTION 81

- (Exam Topic 3)

Which of the following is an example of Static testing?

- A. Calculating path coverage using tools
- B. Performance testing
- C. Requirements review
- D. Usability testing

Answer: A

NEW QUESTION 83

- (Exam Topic 3)

Which of the following statements is LEAST likely to be true of non-functional testing?

- A. It covers the evaluation of the interaction of various specified components.
- B. It tests "how" the system works.
- C. It may include testing the ease of modification of systems.
- D. It may be performed at unit, integration system and acceptance test levels.

Answer: C

NEW QUESTION 87

- (Exam Topic 3)

Which of the following is NOT a major responsibility of a tester?

- A. Producing interim test reports.
- B. Finding the root cause of a defect.
- C. Writing the test specification
- D. Reporting and tracking bugs.

Answer: A

NEW QUESTION 92

- (Exam Topic 3)

Which of the following metrics is from the test design phase?

- A. Number of test cases run / not run
- B. Number of defects found and fix
- C. Percentage of test conditions covered by test cases
- D. Subjective confidence of testes in the system under test

Answer: C

NEW QUESTION 97

- (Exam Topic 3)

Which of the following test execution outcomes are likely to increase the overall quality of the software:

- I) A test case passes
- II) A test case fails, defect gets logged which subsequently gets fixed
- III) Some tests are deferred because test environment is not available
- IV) A bug is found but there is no corresponding test case

- A. I, II and III
- B. I and IV
- C. I and II
- D. I, II and IV

Answer: C

NEW QUESTION 102

- (Exam Topic 3)

Which of the following statements about estimation of the test effort is WRONG?

- A. Effort estimate can be inaccurate because the quality of the product under tests is not known.
- B. Once the test effort is estimated, resources can be identified and a schedule can be drawn up.
- C. Experience based estimation is one of the estimation techniques.

D. Effort estimate depends on the budget of the project.

Answer: D

NEW QUESTION 103

- (Exam Topic 3)

Which of the following statements about test reports are TRUE?

- A. Test reports shall be approved by the test team.I
- B. Test reports shall give stakeholders information as basis for decisionsII
- C. Test reports shall summarize what happened through a period of testing,I
- D. Test reports shall be approved by the development team, the test team and the customer
- E. Test reports shall include information about remaining risks.
- F. II,1V
- G. I
- H. II
- I. IV
- J. I, II
- K. V
- L. II, II
- M. V

Answer: A

NEW QUESTION 107

- (Exam Topic 3)

Which of the following are part of ISTQB code of ethics?

- A. Certified software testers shall advance the integrity and reputation of the profession consistent with the public interestI
- B. Certified software tester shall always sign a NDA (Non Disclosure Agreement) in presence of customer dataII
- C. Certified software testers shall maintain integrity and independence in their professional judgmentIV Certified software testers shall act in a manner that is in the best interests of their client and employer, consistent with the public interest
- D. I, II, III
- E. II, III, IV
- F. I, II, V
- G. I, III, IV

Answer: C

NEW QUESTION 110

- (Exam Topic 3)

Which of the following represents good testing practice for testers, irrespective of the software lifecycle model used?

- A. They should start test analysis when the corresponding development level is complete
- B. They should be involved in reviewing requirements or user stories as soon as drafts are available
- C. They should ensure that the same test objectives apply to each test level
- D. They should minimize the ratio of development levels to test levels to reduce project costs

Answer: D

NEW QUESTION 113

- (Exam Topic 3)

Which of the following would achieve the HIGHEST level of testing independence for a project's test level?

- A. Training developers to design good tests for the test team to execute
- B. Outsourcing test design and execution to a different company
- C. Having the company's independent test team design and execute the tests
- D. Minimising contact between testers and developers during test design to avoid bias

Answer: A

NEW QUESTION 118

- (Exam Topic 3)

Consider the following code `int premium=2500;`

`if (age<30)`

```
{  
    premium = premium +1500;  
}
```

Which options suits for a correct combination of Boundary value and expected result. Assume first number as boundary followed by expected result.

- A. 30. 150031, 2500
- B. 29,150030. 2500
- C. 29. 250030, 1500
- D. 29.400030. 2500

Answer: A

NEW QUESTION 123

- (Exam Topic 3)

A booking system for a city bus service prices its fares according to the time of travel:

- Peak-time tariff starts at 0600 and finishes at 1000 am
- Off-peak tariff applies during all other times of service
- The bus service does not operate between 2300 and the start of the next day's peak service Note that all times mentioned are inclusive.

When applying the equivalence partitioning test design technique, which of the following options, shows test case inputs that each fall into a different equivalence partition?

- A. 0600, 1000, 1200
- B. 1001, 1300, 2259
- C. 0100, 0800, 2200
- D. 2400, 1000, 2301

Answer: D

NEW QUESTION 127

- (Exam Topic 3)

Your task is to compile a test execution schedule for the current release of software. The system specification states the following logical dependencies:

- An admin user must create/amend/delete a standard user.
- A standard user is necessary to perform all other actions.

The test plan requires that re-tests must be performed first, followed by the highest priority tests. To save time, the test plan states that tests should be scheduled to create test data for the subsequent tests in the schedule.

The following test cases have been designed, with an indication of priority (1 being the highest priority) and whether the test has previously failed.

Id	Description	Priority	Failed
a	Log in as standard user and create customer account	2	Y
b	Order one item	3	N
c	Create invoice for order	1	Y
d	Order two items or more	3	Y
e	Log in as admin user and create a standard user	2	N

Which test execution schedule meets the test plan requirements and logical dependencies?

- A. a, d, c, b, e
- B. a, c, b, d, e
- C. e, a, b, c, d
- D. e, a, d, c, b

Answer: C

NEW QUESTION 131

- (Exam Topic 3)

Which of the following can be a common objective of testing?

- A. Gaining confidence about the level of the system's quality
- B. Fixing defects to improve the system's quality characteristics
- C. Providing information as part of the debugging activity
- D. Making sure the system performs as fast and as efficient as needed

Answer: B

NEW QUESTION 134

- (Exam Topic 3)

When a test case is created based on a Use Case, what type of test is created?

- A. Structural Test
- B. Functional Test
- C. Performance test
- D. Regression Test

Answer: A

NEW QUESTION 136

- (Exam Topic 3)

Which type of software development product can undergo static testing?

- A. Any software development product can undergo static testing, including requirements specifications, design specifications and code
- B. Static testing is done only on the requirement
- C. You need to execute the software in order to find defects in the code
- D. Static testing is done only on the code as part of the "code review" sessions Other documents are reviewed, but not by static testing Static tests
- E. should be performed on the installation and user guide documents as these documents are used by the end user

Answer: C

NEW QUESTION 141

- (Exam Topic 3)

Which of the following is a defect that is more likely to be found by a static analysis tool than by other testing techniques?

- A. Omission of a major requirement
- B. Inadequate decision coverage
- C. Component memory leakage
- D. Variables that are not used improperly declared

Answer: D

NEW QUESTION 143

- (Exam Topic 3)

When can functional and structural testing BOTH be applied?

- A. System and Component test levels only
- B. All 'Development' test levels, i.
- C. those before Acceptance testing
- D. Component and Component integration test levels only
- E. All test levels

Answer: D

NEW QUESTION 144

- (Exam Topic 3)

Which of the following sentences about testing and debugging is correct?

- A. Re-testing checks that debugging has found and analyzed the failure
- B. Dynamic testing finds defects, while debugging removes failures
- C. Dynamic testing reveals failures, while debugging removes defects
- D. Like most development activities, debugging is usually done before testing starts

Answer: B

NEW QUESTION 145

- (Exam Topic 3)

A tester thinks of a likely cause for a specific bug Should the tester make a comment about this in the bug report?

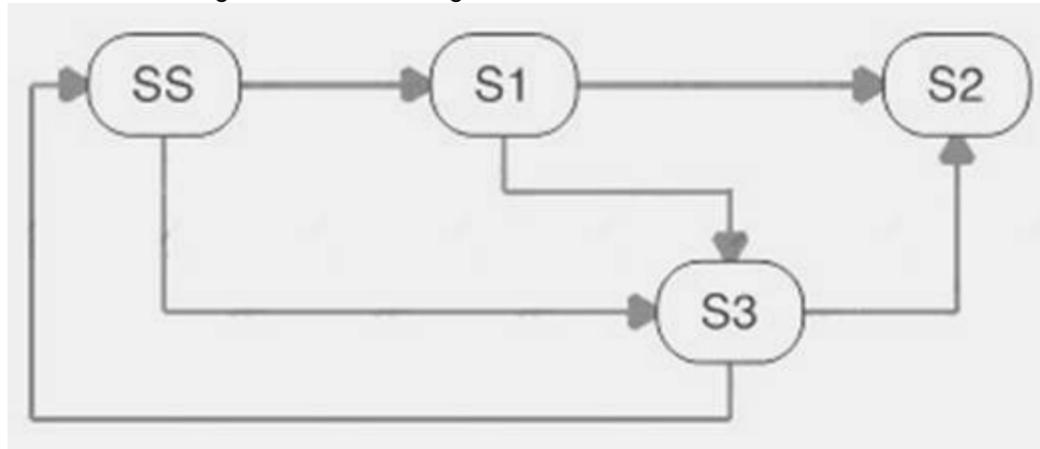
- A. N
- B. A bug report must only include factual information, and not unsupported hypothesis
- C. N
- D. Such addition may bias the developers' attitude when they attempt to fix the bug
- E. Yes It will reduce the risk that the bug fix will cause a regression
- F. Yes Observations that may help correct a bug should be included in the bug report

Answer: D

NEW QUESTION 150

- (Exam Topic 3)

Given the following state transition diagram where SS is the start state:



Which of the following answers describes a test case that only uses valid transitions to exercise all states, using the minimum number of transitions?

- A. SS-S3-SS-S1-S3-S2.
- B. SS-S3-S2-S1.
- C. SS-S1-S2-S3.
- D. SS-S1-S3-S2.

Answer: D

NEW QUESTION 155

- (Exam Topic 3)

Which of the following DOES NOT describe "component testing"?

- A. Component testing tests interfaces between modules and interactions of different parts of a system.
- B. Component testing occurs with access to the code being tested and with the support of a development environment, such as a unit test framework or debugging tool
- C. Component testing verifies the functioning o
- D. software modules, programs, objects, classes, etc.. that are separately testable.

E. In component testing stubs, drivers and simulators may be usefully utilized to facilitate tester activity

Answer: D

NEW QUESTION 159

- (Exam Topic 3)

You are examining a document which gives the precise steps needed in order to execute a test. What is the correct definition of this document?

- A. Test design specification
- B. Test condition
- C. Test procedure specification
- D. Test case specification

Answer: C

NEW QUESTION 163

- (Exam Topic 3)

You have to specify test cases based on equivalence partitioning and boundary value analysis for an internet shop selling baby shoes. The shop provides a selection of shoes based on the following input parameters:

- There are 4 different sizes, depending on the age of the baby. The system selects the appropriate size based on the following criteria:

1. $0 < \text{age} \leq 4$ months: size 1
 2. $4 < \text{age} \leq 8$ months: size 2
 3. $8 < \text{age} \leq 15$ months: size 3
 4. $15 < \text{age} < 24$ months: size 4
- The gender of the baby: boy or girl

Which of the following statements is true?

- A. The total number of combinations of valid equivalence classes of age and gender is 8.
- B. There are two invalid equivalence classes for the age input parameter: $\text{age} \leq 0$, and $\text{age} > 25$
- C. All combinations of valid equivalence classes could be covered with 4 test cases.
- D. All valid equivalence classes could be covered with 6 test cases.

Answer: A

NEW QUESTION 164

- (Exam Topic 3)

Consider the following pseudo-code

```

If (Walking && Midnight)
  If (Raining)
    Take umbrella and search light
  Else
    Take searchlight
  End IF
Else if (Running && Sunshine)
  IF (Raining)
    Take umbrella
  End IF
Else keep doing what you were doing
End IF
  
```

How many minimum test cases are required to cover 100% Statement coverage and Decision coverage?

- A. 5 for Statement, 5 for Decision
- B. 4 for Statement, 5 for Decision
- C. 8 for Statement, 6 for Decision
- D. 6 for Statement, 8 for Decision

Answer: C

NEW QUESTION 168

- (Exam Topic 3)

Which of the following correctly describes the goal of Statement Testing?

- A. Reduce the number of tests needed to test the system
- B. Assess of the correctness of key statements in each module of the application
- C. Increase the percentage of executable statements that are exercised by a test set
- D. Assess the number of code statements needed to implement each feature

Answer: C

NEW QUESTION 169

- (Exam Topic 3)

Which of the following statements is true?

- I) Test planning activities include selecting the test object
- II) Test strategy implementation is NOT a part of test planning
- III) Choosing appropriate test techniques is part of test design
- IV) Test schedule and exit criteria modification are part of test planning

- A. I, II
- B. II, III
- C. I,IV
- D. II
- E. IV

Answer: C

NEW QUESTION 173

- (Exam Topic 3)

A Test Manager conducts risk assessment for a project One of the identified risks is: "The sub-contractor may fail to meet his commitment" If this risk materializes, it will lead to delay in completion of testing required for the current cycle.

Which of the following sentences correctly describes the risk?

- A. It is a project risk since successful completion of the project depends on successful and timely completion of the tests
- B. It is a product risk since any risk associated with development timelines is a product risk
- C. It is a product risk since default on part of the sub-contractor may lead to delay in release of the product
- D. It is no longer a risk for the Test Manager since an independent party (the sub-contractor) is now managing it

Answer: D

NEW QUESTION 175

- (Exam Topic 3)

Which of the following are product risks?

- a) Failure prone software delivered.
- b) Software does not perform its intended functions.
- c) Insufficient staff available for testing.
- d) Test environment not ready on time.
- e) Poor data integrity and quality.

- A. b, c and e.
- B. b, d and e.
- C. a, b and e.
- D. b, c and d.

Answer: C

NEW QUESTION 180

- (Exam Topic 3)

Agile development can be classified as which life cycle model?

- A. Agile development is not related to any life cycle model
- B. RAD
- C. V model
- D. Iterative Incremental .

Answer: D

NEW QUESTION 182

- (Exam Topic 3)

Why is measurement of code coverage Important?

- A. Because 100% code coverage implies 100% coverage of requirements
- B. Because 100% code coverage guarantees that there are no coding errors
- C. Because code coverage can be used to ensure that all code is exercised by tests
- D. Because code coverage can ensure that all decisions are correctly implemented in the code

Answer: A

NEW QUESTION 185

- (Exam Topic 3)

Which of the following would NOT typically be covered in a test summary report?

- A. The risks associated with unresolved defects found during testing.
- B. Any features of the system that were not tested along with reasons.
- C. Whether there is any economic benefit in continuing testing beyond the planned date.
- D. An analysis of lessons learned to determine changes for future projects.

Answer: C

NEW QUESTION 190

- (Exam Topic 3)

Which of the following are correct tasks during "Test analysis and design"?

- A. Designing and prioritizing test casesII Identifying any required infrastructure and toolsII
- B. Reviewing the test basisIV Creating test data and preparing test harnesses
- C. Writing automated test scripts
- D. II, III, IV, V
- E. I, III IV
- F. I, I
- G. III
- H. I, II

Answer: C

NEW QUESTION 192

- (Exam Topic 3)

Which of the following is a correct statement about informal reviews?

- A. The usefulness of an informal review is highly variable and strongly dependent on the reviewers
- B. Informal review must be done by the author of the reviewed material, before it is submitted for formal review
- C. The moderator of an informal review should not be the author of the reviewed material
- D. An informal review has no impact on the quality of the product, just on the level of knowledge of the reviewers while Structural tests can be performed at Unit test level

Answer: D

NEW QUESTION 194

- (Exam Topic 3)

Which of the following statements correctly describes traceability?

- A. The capability of the software product to enable modified software to be tested.
- B. An approach to integration testing where the component at the top of the component hierarchy is tested first.
- C. The degree to which a requirement is stated in terms that permit establishment of test design.
- D. The ability to identify related items in documentation, such as requirements v
- E. software design

Answer: D

NEW QUESTION 198

- (Exam Topic 3)

Which of the following is an approach that can be used for exploratory testing?

- A. Time-boxed test sessions are created, during which a tester uses a test charter containing test objectives to guide the testing.
- B. A tester methodically executes tests from a list of possible failures, based on experience, defect and failure data.
- C. A tester analyses, designs and implements tests based on external rules and standards.
- D. Tests are designed based on the guidance of stakeholders and experts outside the test team.

Answer: D

NEW QUESTION 199

- (Exam Topic 3)

During which stage of the fundamental test process is the testability of requirements evaluated?

- A. Test Implementation and Execution
- B. Test Planning and Control
- C. Evaluating Exit Criteria and Reporting
- D. Test Analysis and Design

Answer: D

NEW QUESTION 201

- (Exam Topic 3)

A program is used to control a manufacturing line (turn machines on and off. start and stop conveyor belts, add raw materials to the flow, etc.)

Not all actions are possible at all times For example, there are certain manufacturing stages that cannot be stopped - unless there is an emergency. A tester attempts to evaluate if all such cases (where a specific action is not allowed) are covered by the tests. Which coverage metric will provide the needed information for this analysis?

- A. Branch Coverage
- B. Statement coverage
- C. Data flow coverage
- D. Code coverage

Answer: B

NEW QUESTION 206

- (Exam Topic 3)

Which of the following BEST matches the attributes with a level of testing?

- A. Stubs and drivers are often usedII The test environment should correspond to the production environmentII
- B. Finding defects is not the main focus IV Testing can be based on use cases
- C. Testing is normally performed by testersV
- D. Testing for functional and non-functional characteristics
- E. Component-V Integration - II System - IV Acceptance-VI
- F. Component -1 Integration - V System - II Acceptance - IV
- G. Component - IV Integration -1 System-VI Acceptance-V
- H. Component-VI Integration - IV System -1 Acceptance-III

Answer: C

NEW QUESTION 208

- (Exam Topic 3)

Which of the following is a correct reason to apply test automation?

- A. When a new test automation tool is launched
- B. When there are a lot of repetitive testing tasks
- C. When it is easy to automate
- D. When it is cheap to buy test automation tools

Answer: A

NEW QUESTION 209

- (Exam Topic 3)

The following Test Cases have been created for a simple web-based airline booking system. Test Case 1: Search for an item Available Flights

Test Case 2: View selected item in My Flights

Test Case 3: Login to the system: Login is accepted

Test Case 4: Select an available flight: item added to My Flights Test Case 5: Print confirmation receipt, then exit

Test Case 6: In My Flights, confirm details and book flight

Which of the following is the correct logical order for the test cases?

- A. 6, 3, 1, 4, 2, 5
- B. 3, 4, 1, 2, 5, 6
- C. 3, 2, 1, 4, 6, 5
- D. 3, 1, 4, 2, 6, 5

Answer: D

NEW QUESTION 212

- (Exam Topic 3)

In which of the following test documents would you expect to find test exit criteria described?

- A. Test plan
- B. Project plan
- C. Test design specification
- D. Requirements specification

Answer: C

NEW QUESTION 215

- (Exam Topic 3)

Which of the following is a white-box test technique?

- A. Decision table testing
- B. Exploratory testing
- C. Statement testing
- D. Error guessing

Answer: C

NEW QUESTION 217

- (Exam Topic 3)

Which of the following statements about independent testing is WRONG?

- A. Independent testing is necessary because developers don't know any testing
- B. A certain degree of independence makes the tester more effective at finding defects
- C. Independent testing is best suited for the system test level
- D. Independent test teams may find other types of defects than developers who are familiar with the system's structure.

Answer: A

NEW QUESTION 220

- (Exam Topic 3)

Software was found to take much more time than the stated requirement of less than one second to save a file. Upon investigation it was found that there was an unnecessary check inside a loop which was slowing down the file-save operation. The software not being able to meet the desired response time is an example of

- A. Failure
- B. Defect
- C. Error
- D. It is not a defect

Answer: A

NEW QUESTION 223

- (Exam Topic 3)

	Rule 1	Rule 2	Rule 3	Rule 4	Rule 5	Rule 6	Rule 7
Conditions							
Full Member	Y	N	N	N	N	N	N
Loyalty Card holder	Don't care	Y	Y	Y	Y	N	N
18 Holes	Don't care	Y	Y	N	N	Y	N
9 Holes	Don't care	N	N	Y	Y	N	Y
Buggy/Cart Request	Don't care	N	Y	N	Y	Don't care	Don't care
Actions							
No charge on Green Fees	Y	N	N	N	N	N	N
£12 Green Fees	N	N	N	Y	Y	N	N
£16 Green Fees	N	N	N	N	N	N	Y
£18 Green Fees	N	Y	Y	N	N	N	N
£22 Green Fees	N	N	N	N	N	Y	N
Buggy/Cart allowed	Y	Y	Y	Y	Y	N	N
Buggy/Cart Free	Y	N	N	N	N	N	N
Buggy/Cart £5	N	N	Y	N	Y	N	N

The decision table above reflects a golf club's pricing structure for green fees and buggy/cart hire. What is the expected result (actions) for each of the following two test cases (TC1 and TC2)?

- * TC 1 - Paul is not a full member, is a Loyalty Card holder and requests to play 18 holes with a buggy/cart
- * TC 2 - Cheryl is not at full member, doesn't have a Loyalty Card and requests to play 9 holes with a buggy/cart

- A. TC1 - £23 total charges including buggy hire; TC2 - £21 total charge including buggy hire
- B. TC1 - £18 total charges including buggy hire; TC2 - £16 total charge but no buggy allowed
- C. TC1 - £23 total charges including buggy hire; TC2 - £16 total charge but no buggy allowed
- D. TC1 - £17 total charges but no buggy allowed; TC2 - £21 total charge including buggy hire

Answer: D

NEW QUESTION 228

- (Exam Topic 3)

After a record of poor quality software releases (incorrect menu selection options, new features that do not work, users allowed to change security levels without administrator rights), you have been asked to review the test capability in your company.

You have limited time to do the review before the next project, which type of testing would be MOST appropriate to review first?

- A. Functional testing.
- B. Non-functional testing.
- C. Performance testing.
- D. Structural testing.

Answer: D

NEW QUESTION 232

- (Exam Topic 3)

How are statement testing and decision testing techniques similar?

- A. Both are specification-based testing techniques
- B. Both are experience-based testing techniques
- C. Both are structure-based testing techniques
- D. Both are black box test design techniques

Answer: D

NEW QUESTION 234

- (Exam Topic 3)

A QA manager of a start-up company needs to implement within a week a low cost incident management tool Which of the following is the best option?

- A. Manage the incidents through E-mails and phone calls
- B. Manage the incidents in a spreadsheet posted on the intranet
- C. Purchase and deploy an incident management tool
- D. Document incidents on a large board in the lab

Answer: B

NEW QUESTION 237

- (Exam Topic 3)

Which statement about use case testing is true?

- A. The test cases are designed to be used by real users, not by professional testers.
- B. The test cases are designed to find defects in the process flow.
- C. The test cases are designed to find defects in the data flow.
- D. The test cases are always designed by customers or end users.

Answer: B

NEW QUESTION 241

- (Exam Topic 3)

While reporting a defect, which of the following indicates the level of business importance assigned to the defect?

- A. Urgency
- B. Priority
- C. Difficulty
- D. Severity

Answer: B

NEW QUESTION 246

- (Exam Topic 3)

Which of the following lists contains only black-box test techniques?

- A. Exploratory testin
- B. State transition testing, Control flow testing
- C. Decision table testin
- D. Use case testing, Control flow testing
- E. Decision table testing, Use case testing, State transition testing
- F. Use case testing, Statement testing, State transition testing

Answer: B

NEW QUESTION 248

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