CTFL_Syll2018 Dumps

ISTQB Certified Tester Foundation Level (Syllabus 2018)

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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)
The following program part is given: IF (condition A)
then DO B
END IF
How many test cases are necessary in order to achieve 100% statement coverage?

A. 1
B. 2
C. 4
D. a very high number

Answer: B

NEW QUESTION 3
- (Exam Topic 1)
Which of the following is an example of black-box dynamic testing?

A. Code inspection
B. Checking memory leaks for a program by executing it
C. Functional Testing
D. Coverage analysis

Answer: C

NEW QUESTION 4
- (Exam Topic 1)
A money order system is designed to calculate the charge for a transfer
- Amounts from 1 to 1999 are charged EUR 10.
- Amounts from 2000 to 5000 are charged EUR 15
- Amounts below EUR 1 or above EUR 5000 are not accepted. Assume that only integer values can occur. Which of these sets of amounts covers all equivalence classes?

A. 0-1999-2000-5000
B. 1-2000-5001-10000
C. 0-100-2000-6000
D. 99-1- 2000- 4999,99

Answer: C

NEW QUESTION 5
- (Exam Topic 1)
Which of the following is NOT an example of a typical risk-based testing activity?

A. The evaluation of a risk-management tools to decide which tool to use for future projects
B. The focus of testing is shifted to an area in the system where tests find with more defects than expected
C. Brainstorming sessions are held with a wide variety of stakeholders to identify possible failures in the system
D. Tests are prioritized to ensure that those associated with critical parts of the system are executed earlier

Answer: B

NEW QUESTION 6
- (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 7
- (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 8
- (Exam Topic 1)
The following incident report that was generated during test of a web application What would you suggest as the most important report improvement?
Defect detected date: 15.8.2010 Defect detected by. Joe Smith Test level System test
Test case Area 5/TC 98 Build version: 2011-16.2
Defect description After having filled out all required fields in screen 1,1 click ENTER to continue to screen 2. Nothing happens, no system response at all.

A. Add an impact analysis
B. Add information about which developer should fix the bug
C. Add the time stamp when the incident happened
D. Add information about which web browser was used

Answer: A

NEW QUESTION 9
- (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 10
- (Exam Topic 1)
The following diagram lists various types of operating systems, databases and application servers supported by the application under test. For complete coverage of all combinations, how many combinations of the above are to be tested?
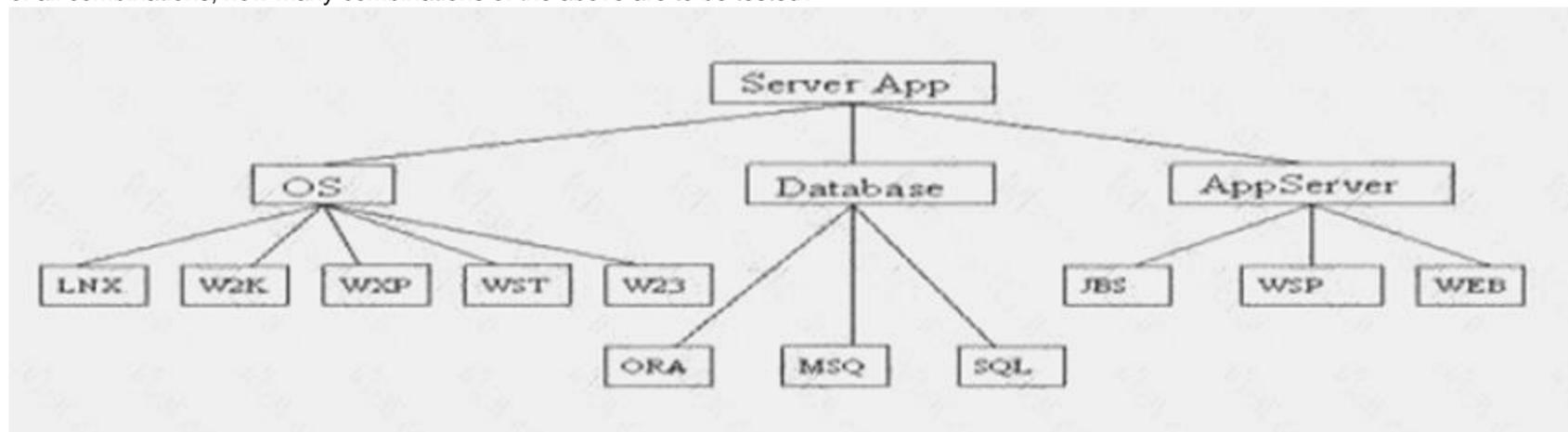
A. 11
B. 5
C. 45
D. 3

Answer: D

NEW QUESTION 10
- (Exam Topic 1)
What does the term Pesticide paradox' refer to?

A. The phenomena where a piece of code that has a lot of bugs is likely to have more hidden, yet unfound
B. The decreasing efficiency of debugging when done in code that has many bugs
C. Reduced effectiveness of test cases that are repeated and focused on the same scenarios
D. The redundancy of testing the same objects in both black and white box techniques

Answer: C

NEW QUESTION 11
- (Exam Topic 2)

Functional and structural tests are alternative test types that may be used separately or together at which test level? [K1]

A. At the component test level only
B. At all test levels
C. At integration testing and system testing levels only
D. At all levels from integration testing to acceptance testing

Answer: B

NEW QUESTION 13
- (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 15
- (Exam Topic 2)
What is the main reason for using a pilot project to introduce a testing tool into an organization? [K1]

A. To identify the requirements for using a tool
B. To make a selection between alternative tools
C. To assess whether the tool will be cost- effective
D. To ensure the tools fits existing processes without change

Answer: C

NEW QUESTION 16
- (Exam Topic 2)
Which of the following BEST defines static techniques? [K1]

A. Executing the software work product
B. Manually examining the code or project documentation
C. Automated analysis of the code or project documentation
D. Manual examination and automated analysis of code or project documentation

Answer: D

NEW QUESTION 20
- (Exam Topic 2)
Which of the main activities of the fundamental test process does the task 'verify the test environment set up is correct' relate to? [K1]

A. Planning and control
B. Analysis and design
C. Implementation and execution
D. Evaluating exit criteria and reporting

Answer: C

NEW QUESTION 25
- (Exam Topic 2)
Under which of the following circumstances is maintenance testing required? [K1]

A. Migration of software onto a new platform
B. Testing during initial development of a replacement for an existing system
C. Purchase of a new software tool
D. Updating of a regression suite

Answer: A

NEW QUESTION 28
- (Exam Topic 2)
In a system designed to work out the employee tax to be paid:
_ An employee has $4,000 of salary tax free.
_ The next $1,500 is taxed at 10%.
_ The next $28,000 after that is taxed at 22%.
_ Any further amount is taxed at 40%.
Which of these is a valid Boundary Value Analysis test case?

A. $28,000
B. $1,500

C. $33,501
D. $5,000

Answer: C

NEW QUESTION 33
- (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 36
- (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 41
- (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 44
- (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 46
- (Exam Topic 2)
Which of the following processes ensures that all items of testware are identified, version controlled, tracked for changes, so that traceability can be maintained throughout the test process?

A. Software traceability process
B. Incidence management process
C. Testing design process
D. Configuration management process

Answer: D

NEW QUESTION 50
- (Exam Topic 2)
System testing is:

A. Used to search for defects in software modules that are separately testable.
B. The responsibility of the users of a system.
C. Concerned with the behavior of a whole system/product as defined by the scope of a development project.

D. Triggered by modifications, migration or retirement of the software system.

Answer: C

NEW QUESTION 52
- (Exam Topic 2)
Which of the following factors will MOST affect the testing effort required to test a software product? [K1]

A. The number of staff available to execute tests
B. The level of detail in the test plan
C. The requirements for reliability and security in the product
D. The test estimation method used

Answer: C

NEW QUESTION 55
- (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 58
- (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 59
- (Exam Topic 2)
A system calculates the amount of customs duty to be paid:
_ No duty is paid on goods value up to, and including, $2,000.
_ The next $8,000 is taxed at 10%.
_ The next $20,000 after that is taxed at 12%.
_ Any further amount after that is taxed at 17%.
To the nearest $, which of these groups of numbers fall into three DIFFERENT equivalence classes?

A. $20,000 $20,001 $30,001
B. $2,000 $2,001 $10,000
C. $2,000 $8,000 $20,000
D. $1,500 $2,000 $10,000

Answer: C

NEW QUESTION 60
- (Exam Topic 2)
Dynamic Analysis Tools are used to:

A. Determine differences between files or databases.
B. Monitor and report on how a system behaves under a variety of conditions.
C. Find defects, such as memory leaks, while software is executing.
D. Measure the percentage of specific types of code structure that have been exercised.

Answer: C

NEW QUESTION 65
- (Exam Topic 2)
Which of the following statements best characterises maintenance testing? [K2]

A. Maintenance testing is triggered by changes to delivered software and uses impact analysis to minimise the amount of regression testing needed
B. Maintenance testing is triggered by changes to software under development before initial delivery and uses the test plan to determine how much regression testing to do
C. Maintenance testing is triggered by changes to the test environment and uses testing tools to perform regression testing
D. Maintenance testing is triggered by changes to the software environment and uses structural testing to ensure the changes function correctly

Answer: A

NEW QUESTION 66
- (Exam Topic 3)
Which of the following type of defect would NOT be typically found by using a static analysis tool?

A. A variable is defined but is then not used
B. A variable is used in a calculation before it is defined
C. A variable has the wrong numeric value passed into it
D. A variable is used but not declared

Answer: C

NEW QUESTION 68
- (Exam Topic 3)
A team's test strategy was to invest equal effort in testing each of a system's modules. After running one test cycle, it turned out that most of the critical bugs were detected in one of the system's modules.
Which testing principal suggests a change to the current test strategy for the next test cycle?

A. Defect clustering
B. Early testing
C. Pesticide Paradox
D. Absence-of-errors fallacy

Answer: A

NEW QUESTION 71
- (Exam Topic 3)
Consider the following Pseudo code:

```
If (A>B)
   THEN: If (A>C)
      THEN: If (A>D)
         THEN: If (A>E)
            THEN: Print "A is huge"
         End IF
      End IF
   End IF
End IF
```

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

A. 1 for Statemen
B. 5 for Decision
C. 1 for Statemen
D. 2 for Decision
E. 5 for Statemen
F. 1 for Decision
G. 2 for Statement, 5 for Decision

Answer: D

NEW QUESTION 74
- (Exam Topic 3)
Which of the following options explain why it is often beneficial to have an independent test function in an organisation?

A. To improve defect finding during reviews and testing
B. To ensure that developers adhere to coding standards
C. To limit communication between developers and testers
D. To provide better metrics for the stakeholders

Answer: D

NEW QUESTION 76
- (Exam Topic 3)
Which of the following statements is NOT correct?

A. A test team with high level of independence, may suffer from lower familiarity with the product
B. Development team may find many defects since they are familiar with the code
C. Tests designed by a person from different group in the organization is the highest independence level
D. Tests designed by a person in the development team other than the person who wrote the code is the lowest level of independence

Answer: D

NEW QUESTION 80
- (Exam Topic 3)
Which of the following activities do NOT belong to test implementation and execution?

A. Checking if the preconditions of test execution have been met
B. Logging of test results
C. Test data generation
D. Prioritizing test conditions

Answer: D

NEW QUESTION 81
- (Exam Topic 3)
Consider the following excerpt from a defect report:
To recreate the failure we used test file TST_01_TC_16.dat which is available in the common shared folder''. Which incident report objective does this excerpt satisfy?

A. Provides developers with information to isolate the failure
B. Provides ideas for test process improvement
C. Does not belong in an incident report.
D. Provides test leaders with information to report test progress

Answer: A

NEW QUESTION 83
- (Exam Topic 3)
Which of the following tools can be used by developers, testers and quality assurance personnel in looking for defects prior to dynamic testing?

A. Static Analysis tool
B. Modeling tool
C. Test data preparation tool
D. Configuration management tool

Answer: A

NEW QUESTION 84
- (Exam Topic 3)
At what stage of the Fundamental Test Process do testers write the steps of the test procedures?

A. Test implementation and execution
B. Evaluating exit criteria and reporting
C. Test closure activities
D. Test planning and control

Answer: A

NEW QUESTION 86
- (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 89
- (Exam Topic 3)
Which of the following is by definition a reactive test approach?

A. Risk-based testing
B. Automation of regression tests
C. Exploratory testing
D. Requirements-based testing

Answer: C

NEW QUESTION 94
- (Exam Topic 3)
Which of the following should be considered when purchasing a test execution tool?

A. The ability of the tool to trace tests to requirements and report coverage level
B. The amount of effort required to achieve positive Return on Investment (ROI)
C. The ability of the tool to track the output and productivity of each individual tester
D. The ability of the tool to run the unit-level tests for the developers

Answer: D

NEW QUESTION 99
- (Exam Topic 3)
Which of the following are benefits of an independent test team, and which are drawbacks?
a) Independent testers can find different defects.
b) Developers may put less emphasis on quality.
c) Independent testers can be seen as the reason for delayed projects.
d) Independent testers can verify assumptions made during the specification of a system.

A. a and b are benefits, c and d are drawbacks.
B. b and c are benefits, a and d are drawbacks.
C. a and d are benefits, b and c are drawbacks.
D. c and d are benefits, a and b are drawbacks.

Answer: C

NEW QUESTION 103
- (Exam Topic 3)
A car insurance policy has 3 rates of insurance depending on the age of the driver. For drivers aged between 17 and 25 inclusive they are charged at rate A, drivers aged between 26 and 50 inclusive are charged at rate B and those drivers aged over 50 are charged at rate C.
You are designing test cases, which of the following three ages would test all valid equivalence partitions and therefore test rate A, B and C?

A. 26, 45, 50.
B. 10, 21, 55.
C. 20, 35, 65.
D. 17, 25, 50.

Answer: C

NEW QUESTION 105
- (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 112

- (Exam Topic 3)
Which of the following is a Black Box test design technique?

A. Decision Coverage
B. Error Guessing
C. Statement Coverage
D. Equivalence Partitioning

Answer: D

NEW QUESTION 116
- (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 119
- (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 120
- (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 121
- (Exam Topic 3)
When should component integration tests be carried out?

A. Integration tests should always be done after system tests
B. Integration tests should be done at the customer's site, after acceptance tests
C. Integration tests can be done before or after system tests
D. Integration tests should always be done before system tests

Answer: A

NEW QUESTION 123
- (Exam Topic 3)
When comparing Static and Dynamic test techniques, which of the following statements is TRUE?

A. Static Testing finds failures, whilst Dynamic Testing only finds the cause of failures.
B. Static Testing techniques, such as reviews, can be undertaken before Dynamic Testing, making defects cheaper to remove.
C. Static Testing is based on the execution of code, whist Dynamic Testing relies on examination and analysis.
D. Only Static Testing has the objective of identifying defects.

Answer: B

NEW QUESTION 125
- (Exam Topic 3)
When can functional and structural testing BOTH be applied?

A. System and Component test levels only
B. All 'Developement' test levels, i.
C. those before Acceptance testing

D. Component and Component integration test levels only
E. All test levels

Answer: D

NEW QUESTION 129
- (Exam Topic 3)
What type of testing is important after Migration, retirement or enhancement of an existing system?

A. Regression testing
B. Operational acceptance testing
C. System Testing
D. Maintenance testing

Answer: B

NEW QUESTION 130
- (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 132
- (Exam Topic 3)
Which of the following is a typical characteristic of the WALKTHROUGH review type?

A. The meeting is led by the author.
B. Metrics are gathered throughout.
C. Attendees must prepare before the meeting.
D. Entry and exit criteria are defined.

Answer: A

NEW QUESTION 137
- (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 r^&ort 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 141
- (Exam Topic 3)
Given the following state transition diagram where SS is the start state:
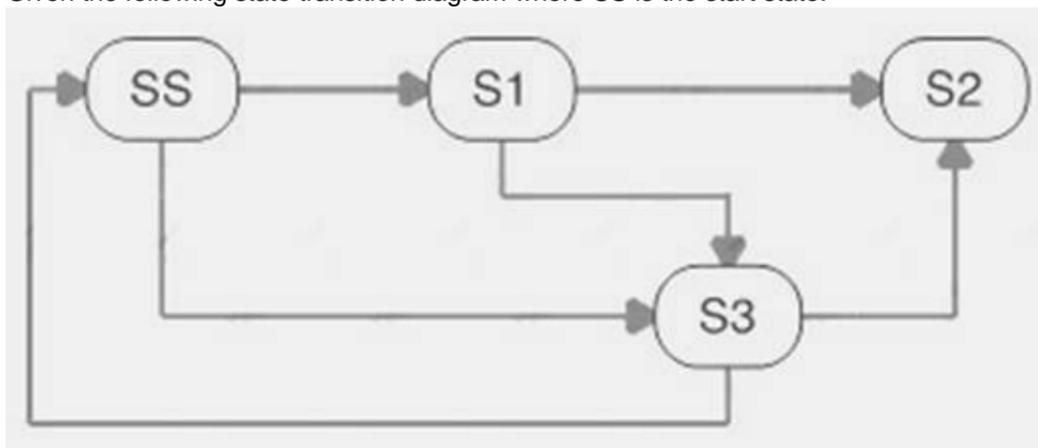
Which of the following answers describes a test case that only uses valid transitions to exercise all states, using the minimum number of transitions?

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 143
- (Exam Topic 3)
A new testing tool has been selected for an organisation and a pilot project has successfully completed. The next step is to deploy the tool within the organization. What is a key success factor in tool deployment?

A. Estimate a cost-benefit ratio based on a firm business case
B. Determine whether benefits will be achieved at reasonable cost
C. Provide support for the test team using the tool
D. Assessment of organisational maturity, strengths and weaknesses

Answer: A

NEW QUESTION 147
- (Exam Topic 3)
Which of the following is NOT a common objective of testing?

A. Providing information on the status of the system
B. Preventing defects
C. Finding defects in the software
D. Debugging the software to find the reason for defects

Answer: A

NEW QUESTION 148
- (Exam Topic 3)
Which of the following BEST describes checklist-based testing?

A. An approach to testing whereby the testers dynamically design and execute tests based on their knowledge, exploration of the test item and the results of previous tests.
B. An experience-based test technique whereby the experienced tester uses a high-level list of items to be noted, checked or remembered, or a set of rules or criteria against which a product has to be verified.
C. A procedure to derive and/or select test cases based on an analysis of the specification, either functional or non-functional, of a component or system without reference to its internal structure.
D. A test design technique which ensures that test cases are checked for consistency and completeness against an organisation's list of formatting rules and best practices.

Answer: B

NEW QUESTION 152
- (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 156
- (Exam Topic 3)
One of the exit criteria for a SW project was defined as "80% statement coverage". A test manager submitted the following report:
"We did not measure the statement coverage. However, we ensured 80% branch coverage, therefore the exit criteria was met".
Is the test manager right?

A. No There is not direct relationship 80% branch coverage does not guarantee 80% statement coverage
B. Ye
C. 50% branch coverage guarantees 100% statement coverag
D. With 80% branch coverage, the exit criteria is easily met.
E. N
F. The relation works the other way: 80% statement coverage guarantees 80% branch coverage
G. Yes Coverage of 80% of the branches in the control flow guarantees 80% statement coverage

Answer: D

NEW QUESTION 158
- (Exam Topic 3)
Which of the following metrics are useful for monitoring the test progress?

A. The number of features implemented in the code
B. The number of changes done to the product's requirements
C. Percentage of work done on the user's manuals
D. Percentage of work done in test environment preparation

Answer: D

NEW QUESTION 162

- (Exam Topic 3)
Consider a document containing a classification of all the defects found during the system test phase and after the delivery in the production environment This document can be considered a test basis for which of the following test design techniques?

A. Structure-based testing
B. Experience-based testing
C. Decision coverage testing
D. Specification-based testing

Answer: A

NEW QUESTION 163
- (Exam Topic 3)
Which of the following statements regarding incidents is NOT true?

A. Incidents should be tracked from discovery and classification to correction and confirmation of the solution.
B. The discrepancies between actual and expected outcomes need to be logged as incidents
C. Since incidents are the discrepancies between actual and expected outcomes they cannot be raised during development
D. Incidents may be raised during development, review, testing or use of a software product

Answer: C

NEW QUESTION 167
- (Exam Topic 3)
What is a defect density?

A. The percentage of defects identified over the total number of test cases
B. The deviation rate of the system from its expected behavior
C. The ratio of the defects identified in these system over the expected number of total defects
D. The number of defects identified in the system under test divided by the size of the system

Answer: C

NEW QUESTION 172
- (Exam Topic 3)
Which of the following is NOT a test control activity?

A. Re-prioritize tests because of time pressure
B. Change the test schedule due to viability of a test environment
C. Writing test suspension and resumption criteria in the test plan
D. Set an entry criterion requiring fixes to be retested by a developer before accepting them into a build

Answer: D

NEW QUESTION 176
- (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 177
- (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 178
- (Exam Topic 3)
Which of the following statements correctly describe Black-Box Testing"

A. Test on an individual software component in isolation from other components, to avoid external influence
B. Tests that investigate the input v
C. trfe output behavior of a software system.
D. Test derived from the ability of the testers and their intuition and experience with similar applications and technologies (sometimes used to strengthen systematic techniques)
E. Test of the interfaces between components and of the interactions with different parts of a system

Answer: D

NEW QUESTION 179
- (Exam Topic 3)
Which of the following statements about test execution effort is true?

A. An increase in number of testers always reduces testing time.
B. A large number of test repetitions mean less test execution effort.
C. The test execution effort is independent of the number of test environments.
D. The test case execution effort is dependent on the build quality.

Answer: D

NEW QUESTION 183
- (Exam Topic 3)
Which of the following factors is LEAST likely to be used as a basis for estimating testing effort?

A. Requirements for documentation
B. Quality of the test basis Work
C. Breakdown Structure
D. Skills of the test team

Answer: C

NEW QUESTION 187
- (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 189
- (Exam Topic 3)
A calculator software is used to calculate the result for 5+6. The user noticed that the result given is 6.
This is an example of:

A. Failure
B. Mistake
C. Fault
D. Error

Answer: A

NEW QUESTION 194
- (Exam Topic 3)
Which one of the following statements about testing techniques is TRUE?

A. Exploratory testing can replace black box techniques when testing time is very limited
B. Test execution scheduling should give priority to experienced based testing
C. Specification based techniques can be used as a substitute for a poorly defined test basis
D. Experienced based techniques are systematic and produce detailed test documentation

Answer: A

NEW QUESTION 196
- (Exam Topic 3)
You need to test the login page of a web site The page contains fields for user name and password Which test design techniques are most appropriate for this case?

A. Decision table testing, state transition testing.
B. Equivalence partitioning, Boundary value analysis.
C. Exploratory testing, statement coverage.
D. Decision coverage, fault attack.

Answer: A

NEW QUESTION 199

- (Exam Topic 3)
Testing and Debugging are key activities in the software development lifecycle. Which of the following are DEBUGGING activities?
a) Designing tests to find failures.
b) Locating the cause of failures.
c) Analysing and fixing the defects.
d) Executing tests to show failures.

A. a and d.
B. a and b.
C. b and c.
D. c and d.

Answer: B

NEW QUESTION 200
- (Exam Topic 3)
Which of the following lists represents the correct sequence of the main activities of the fundamental test process (leaving out the activity of control which should take place in parallel to all the other activities)?

A. Planning, analysis and reporting, design and implementation, execution, test closure activities, evaluating exit criteria.
B. Planning, analysis, design and implementation, execution, logging, test closure activities, evaluating exit criteria.
C. Planning, analysis and design, execution, logging and reporting, regression testing
D. Planning, analysis and design, implementation and execution, evaluation exit criteria and reporting, test closure activities

Answer: D

NEW QUESTION 205
- (Exam Topic 3)
Which defect below is MOST likely to be found by a review during static testing?

A. Incorrect interface specifications.
B. Old versions of software in use.
C. Performance bottlenecks.
D. Broken links to web addresses.

Answer: A

NEW QUESTION 207
- (Exam Topic 3)
A company purchased a new system which deals with all financial transactions in the company Which test types call for involvement of an expert from the financial department?

A. Component testing
B. Acceptance tests
C. Maintenance testing
D. System tests

Answer: D

NEW QUESTION 210
- (Exam Topic 3)
Which option BEST describes how the level of risk is determined?

A. The likelihood of an adverse event happening multiplied by the cost of preventing it
B. The consequences of a potential problem multiplied by the cost of possible legal action
C. The impact of an adverse event multiplied by the likelihood of that event occurring
D. The likelihood and the probability of a hazard occurring

Answer: C

NEW QUESTION 212
- (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 215
- (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 219
- (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 222
- (Exam Topic 3)
A program got 100% decision coverage in a test. Which of the following statements is then guaranteed to be true?

A. Every output equivalence class has been tested.
B. Every input equivalence class has been tested.
C. The "dead" code has not been covered.
D. Every executable statement is covered

Answer: D

NEW QUESTION 225
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