iSQI

Exam Questions CTFL_Syll2018

ISTQB Certified Tester Foundation Level (Syllabus 2018)

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NEW QUESTION 1
- (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 2
- (Exam Topic 1)
Where and by whom is Beta testing normally performed?

A. By customers or potential customers at their own locations
B. By an independent test team at the developing organization's location
C. At the developing organization's site, but not by the developing team
D. By customers or potential customers at the developing organization's site

Answer: A

NEW QUESTION 3
- (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 4
- (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 5
- (Exam Topic 1)
Out of the following, what is not needed to specify in defect report?

A. How to fix the defect
B. Severity and priority
C. Test environment details
D. How to reproduce the defect

Answer: A

NEW QUESTION 6
- (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 7
- (Exam Topic 1)
Which of the following test techniques is structure-based?

A. Control flow testing
B. Use case testing
C. State transition testing
D. Decision table testing

Answer: D

NEW QUESTION 8
- (Exam Topic 1)
Which of the following statements is true?

A. Incident management tools are used by testers only
B. A configuration management tool has nothing to do with testing
C. Test management tools are used by managers only
D. A requirements management tool may be considered as test support tool

Answer: A

NEW QUESTION 9
- (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 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 10
- (Exam Topic 2)
What factors should be considered to determine whether enough testing has been performed? (i)The exit criteria.
(ii) The budget.
(iii) How big the test team is. (iv)The product's risk profile. (v)How good the testing tools are.
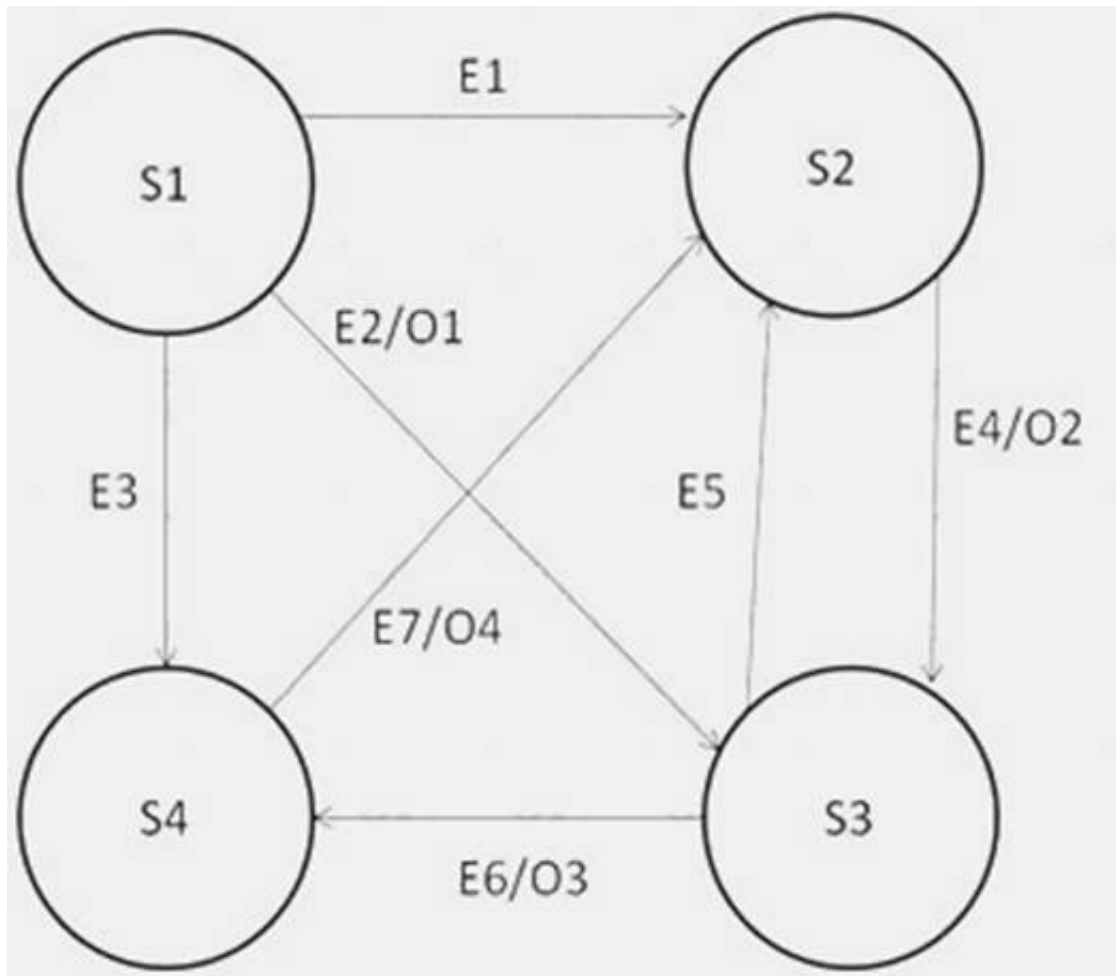(vi) Sufficient details of the system status to allow decisions

A. i and ii and iv and vi
B. i and ii and iii and vi
C. ii and iii and iv and v
D. i and ii and v and vi

Answer: A

NEW QUESTION 11
- (Exam Topic 2)
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? [K3]
Refer to the exhibit

A. S2 and O4
B. S4 and O2
C. S4 and O4
D. S2 and O2

Answer: D

NEW QUESTION 12
- (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 16
- (Exam Topic 2)
Which of the following BEST describes the relationship between test planning and test execution? [K2]

A. Test planning ensures the level of detail in test procedures is appropriate for test execution
B. Test planning schedules test execution but does not assign resources
C. Test planning defines the overall approach to testing but does not schedule specific activities such as test execution
D. Test planning identifies test objectives related to scope and risk but does not define the level of detail for test procedures used in test execution

Answer: A

NEW QUESTION 21
- (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 22
- (Exam Topic 2)
Which of the following correctly states a limitation in the use of static analysis tools? [K1]

A. Static analysis tools can be applied to new code but cannot be applied to existing code
B. Static analysis tools can be used to enforce coding standards
C. Static analysis tools always generate large numbers of warning messages when applied to new code, even if the code meets coding standards
D. Static analysis tools do not generate warning messages when applied to existing code

Answer: B

NEW QUESTION 27
- (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 31
- (Exam Topic 2)
Which of the following metrics could be used to monitor progress along with test preparation and execution? [K1]

A. The total number of tests planned
B. The total number of requirements to be tested
C. The failure rate in testing already completed
D. The number of testers used for test execution so far

Answer: C

NEW QUESTION 36
- (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 40
- (Exam Topic 2)
Which of the following is a white box testing design characteristic?

A. To be based on specifications
B. To be based on an analysis of the test basis documentation
C. To be based on an analysis of the structure of the component or system
D. To include both functional and non-functional testing

Answer: C

NEW QUESTION 45
- (Exam Topic 2)
What other details should be included in the following incident report when it is first submitted?
Date of Issue: 23/11/05
Severity: P1 Build: Version15.6
Details: Expected field to be limited to 15 chars, able to enter 27

A. Suggested solution, priority and number of defects assigned to this developer.
B. Status of the incident, degree of impact, Test Case Number.
C. History, related defects and expected fix time.
D. Line of code, number of defects found, time of day.

Answer: B

NEW QUESTION 48
- (Exam Topic 2)
Which statement BEST describes when test planning should be performed? [K1]

A. Test planning is performed only once, at the beginning of the life cycle, andgenerates a Master Test Plan
B. Test planning is performed at the beginning of the life cycle and again at the beginning of test execution
C. Test planning is performed at the beginning of the life cycle and again at every test level
D. Test planning is performed continuously in all life cycle processes and activities

Answer: D

NEW QUESTION 50
- (Exam Topic 2)
Which of the following risks represents the highest level of risk to the project?

A. Likelihood of failure = 1%, potential cost of impact = $1m.
B. Likelihood of failure = 10%, potential cost of impact = $500,000.
C. Likelihood of failure = 20%, potential cost of impact = $150,000.
D. Likelihood of failure = 5%, potential cost of impact = $500,000.

Answer: B

NEW QUESTION 51
- (Exam Topic 2)
Which of the following is a role of a formal review? [K1]

A. Adjudicator
B. Moderator
C. Governor
D. Corrector

Answer: B

NEW QUESTION 54
- (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. Titl
B. End of Day failure.. Reproducibl
C. Ye
D. Descriptio
E. Script eod 1.4 fails when the first transaction of the day is a future dated transactio
F. Screen shot of the failure attached.
G. Titl
H. Transaction input screen validation..Reproducibl
I. Ye
J. Descriptio
K. Script eod 1..4 fails . Screen shot of the failure attache
L. Validation of transaction entryon screen TRN-003B should not allow future dated transactions – see PID ver 1.3 para 10b iv.
M. Titl
N. Screen TRN-003B validation of transaction date.. Reproducibl
O. N
P. Descriptio
Q. When a future dated transaction is processed by the end of day process, a failure can occu
R. This does not always happe
S. Screen shot of the failure attached.
T. Titl
. Screen TRN-003B validation of transaction dat
. Reproducibl
. Ye
. Descriptio
. Script eod 1.4 fails when the first transaction of the day is a future dated transactio
. Screen shot of the failure attache
. 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 55
- (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 58
- (Exam Topic 2)

An iPhone application identifies and counts all purchases of a particular product from a shopping website. The application incorrectly counts purchase attempts by including both failed attempts, and also those where the purchase was terminated by the user before completion. Testing has identified that the problem was located in the 'purchase identification' module, where the first stage in the purchasing process was counted, rather than a successful confirmed purchase.
Which of the following statements correctly identifies what has happened? [K2]

A. The application failed because of a defect in the purchase identification module caused by a programmer mistake or an error in the specification.
B. An error by the programmer led to a mistake in the purchase identification module and this caused a defect in the application
C. A defect in the purchase identification module caused by a mistake in the module specification led to a defect in the overall application
D. A bug in the purchase identification module caused a fault in the application

Answer: A

NEW QUESTION 59
- (Exam Topic 2)
Which of the following would typically be identified using static analysis by tools? [K1]

A. Spelling mistake on an error message
B. A potential infinite loop
C. Memory leakage
D. A variable set to the wrong value

Answer: B

NEW QUESTION 63
- (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 2)
Which of the following, select the best description of the fundamental test process:

A. Planning and control, analysis, design, implementation, execution, evaluation of exit criteria and reporting, test closure.
B. Executing tests, identifying and recording defects and preparing recommendation and closure reports.
C. Controls, preparation of test cases, execution of test cases, execution of regression packs, communicating with developers, writing recommendations for release.
D. Static testing, dynamic testing, defect reporting, reporting and closure.

Answer: A

NEW QUESTION 69
- (Exam Topic 2)
Which of the following statements is most true about test conditions?

A. An item or event of a component or system that can be verified by one or more test cases.
B. The grouping of a composite set of test cases which, when tested as a whole, reveal a positive or negative result.
C. A testable component derived from business requirements.
D. Applies to software testing only.

Answer: A

NEW QUESTION 70
- (Exam Topic 2)
A data driven approach to test automation design is best described as:

A. Using action words to describe the actions to be taken, the test data.
B. Scaling to support large numbers of users.
C. Being based on Equivalence Partitioning testing techniques.
D. Separating out the test data inputs and using a generic script that can read the test data and perform the same test steps with different data.

Answer: D

NEW QUESTION 74
- (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 76
- (Exam Topic 3)
The four test levels used in ISTQB syllabus are:

> Component (unit) testing

> 2 Integration testing

> 3. System testing

> 4 Acceptance testing

An organization wants to do away with integration testing but otherwise follow V-model. Which of the following statements is correct?

A. It is allowed because integration testing is not an important test level and can be dispensed with
B. It is not allowed as organizations can't change the test levels as these are chosen on the basis of theSDLC (software development life cycle) model
C. It is allowed as organizations can decide on which test levels to do depending on the context of the system under test
D. It is not allowed because integration testing is a very important test level and ignoring it means definite poor product quality

Answer: D

NEW QUESTION 78
- (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 79
- (Exam Topic 3)
Integration testing has following characteristics.

A. It can be done in incremental mannerI
B. It is always done after system testingII
C. It includes functional testsIV It includes non-functional tests
D. I and IV are correct
E. I III and IV are correct
F. TI is correct
G. II and III are correct

Answer: B

NEW QUESTION 80
- (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 81
- (Exam Topic 3)
A garden irrigation system allows the user to specify 2 inputs:
1. Frequency - The number of times the system should be automatically switched on per day; minimum once per day, maximum 5 times
2. Duration - The duration of operation, in whole minutes, each time it is switched on; ranging from 1 to 60 Applying 2-value boundary value analysis which of the following options has the correct test set of valid and
invalid boundary values?

A. Frequency 1, 5; Duration 1, 60
B. Frequency 0, 1, 5, 6; Duration 59 seconds, 1 minute, 60 minutes, 60 minutes 1 second
C. Frequency 0, 1, 5, 6; Duration 0, 1, 30, 60, 61
D. Frequency 0, 1, 2, 5, 6; Duration 0, 1, 30, 60, 61

Answer: B

NEW QUESTION 85
- (Exam Topic 3)

For a given set of test-cases, which of the following is a benefit of running these tests with a test automation tool?

A. Test coverage is increased.
B. The number of found bugs is reduced.
C. The total cost of the test project always decreases
D. The time spent on repetitive tasks is reduced

Answer: D

NEW QUESTION 86
- (Exam Topic 3) The following condition is given: Integer x, y; IFx>0ANDx< 100
y = y + x; END-IF
Using boundary analysis for x. which test cases are required?

A. -1,0.1,99.100, 101
B. -1,0. 100,101
C. -500,-10,0.1,99.100.101,500
D. 0, 1.99, 100

Answer: B

NEW QUESTION 88
- (Exam Topic 3)
Which test level is concerned with testing the smallest bodies of software?

A. Component test
B. Feature test
C. Functional test
D. Subsystem test

Answer: A

NEW QUESTION 91
- (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 96
- (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 100
- (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 105
- (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 106
- (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 108
- (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 111
- (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 112
- (Exam Topic 3)
Which of the following tools is most likely to detect defects in functions or methods in source code?

A. unit test framework tool evelopers who are familiar with the system's structure.
B. configuration management tool
C. test design tool
D. monitoring tool

Answer: A

NEW QUESTION 113
- (Exam Topic 3)
Which ONE of the following is the BEST way to take advantage of the different mindsets of testers and developers?

A. Insist on independent testing at all stages in the lifecycle.
B. Have all developers undergo ISTQB training.
C. Keep developers and testers in separate teams.
D. Bring the two mindsets together.

Answer: D

NEW QUESTION 118
- (Exam Topic 3)
A student needs to score at least 50 points to pass. If they score at least 100 points they will achieve a merit and if they score at least 150 points they will achieve a distinction.
Which two values are in the same partition?

A. 45 and 55.
B. 55 and 120.
C. 50 and 60.
D. 45 and 170.

Answer: C

NEW QUESTION 119
- (Exam Topic 3)
What is Test Design?

A. The overall process of testing a system to verify that it meets specified requirements.
B. The process of selecting test techniques to exercise the functions implemented by the tested system
C. The process of transforming general testing objectives into tangible test conditions and test cases
D. An approach to testing to reduce the level of product risks by focusing on high-risk areas in the product

Answer: C

NEW QUESTION 120
- (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 122
- (Exam Topic 3)
A live defect has been found where a code component fails to release memory after it has finished using it. Which of the following tools would have been the MOST effective at detecting this defect prior to live
implementation?

A. Dynamic analysis tool
B. Monitoring tool
C. Configuration management tool
D. Coverage measurement tool

Answer: A

NEW QUESTION 127
- (Exam Topic 3)
A "functional test" is...

A. ... a test focused on the efficiency of the system
B. ... a dynamic test for which the tests are based on the specification of the test object.
C. ... a static comparison of test and requirements specification of a test object
D. ... a test for which the test cases and test data are based on the structure of the test object

Answer: B

NEW QUESTION 130
- (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 134
- (Exam Topic 3)
What is a peer review?

A. An informal review without moderator
B. A review done by developers and testers together
C. A review done by developers only
D. A review done by colleagues at the same organizational level

Answer: C

NEW QUESTION 137
- (Exam Topic 3)
Which of the following sentences is correct?

A. Functional and Structural tests can be performed at all test levels
B. Functional tests can be performed at Unit and Integration test levels, while Structural tests can be performed at System test level
C. Functional and Structural test levels can be performed for all test types
D. Functional tests can be performed at Integration and System test levels, while Structural tests can be performed at Unit test level

Answer: D

NEW QUESTION 138
- (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 140
- (Exam Topic 3)
In which development life cycle model is regression testing an increasingly important activity as the project
progresses?

A. V-model.
B. Waterfall.
C. Scrum.
D. Progressive.

Answer: C

NEW QUESTION 144
- (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 145
- (Exam Topic 3)
An Incident Management tool implements the following defect states Open. Assigned. Solved. Closed. Consider the following defect report:
Id: T000561
Test Object: "Warehouse Management" application Tester name : John Bishop
Date: 10th, April 2010
Test Case MRT5561 Status: OPEN Severity Serious Priority:
Problem : After inputting the Total Quantity item = 450 in the SV034 screen . the system shows an unexpected Error message = 47
Correction: Developer name: Closing date
Which of the following is a valid criticism of this report?

A. The Priority, the Correction description and the Developer name are missing
B. The description is not highlighting the source of the problem
C. The version of the application is missing
D. There is no link to the applicable requirement (traceability)

Answer: D

NEW QUESTION 146
- (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 151
- (Exam Topic 3)
Which of the following would you NOT expect to see on an incident report from test execution?

A. The version(s) of the software under test
B. The test execution schedule
C. Expected results and actual results
D. Precise steps to reproduce the problem

Answer: B

NEW QUESTION 153
- (Exam Topic 3)
Which of the following processes is related to ensuring the integrity of the testware?

A. Configuration management
B. Test automation
C. Build release
D. Project management

Answer: B

NEW QUESTION 157
- (Exam Topic 3)
What is integration testing?

A. Looking for faults in larger components or subsystems
B. Another term for testing system integrity
C. Specifying which components to integrate in which order
D. Testing that the interfaces work correctly

Answer: D

NEW QUESTION 159
- (Exam Topic 3)
A system sets new users' password to a temporary password
The temporary password is a random number based on the first sft: characters of the username. If the username is shorter than 6 characters, the system displays
an error message.
Which of the following is a possible representation of equivalence classes for the username string?

A. {Random number}{Error message}
B. {Error message displayed}{Error message not displayed}
C. {Username shorter than 6 characters}{Username equal to or longer than 6 characters}
D. {Username with a permanent password}{Username with a temporary password}

Answer: D

NEW QUESTION 160
- (Exam Topic 3)
Which of the following apply to System Testing?
a) May satisfy legal requirements.
b) Can use system specifications as a test basis.
c) Often the responsibility of business users.
d) Main goal is to establish confidence.
e) Should focus on the communication between systems.

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

Answer: B

NEW QUESTION 164
- (Exam Topic 3)
Which of the following statements are "testing general principles'"?

A. Exhaustive testing is impossibleI
B. The defects found during the pre-release tests, or the operational failures, are uniformly distributed across the system's software modulesII
C. Testing can show the presence of defects, but cannot demonstrate their absenceI
D. Testing is context-independent
E. I, III
F. I, II
G. I, IV
H. II, III

Answer: A

NEW QUESTION 169
- (Exam Topic 3)
Your company is developing a system with complex business rules and many branches in the structure of its code components. You need to choose one black box technique and one white box technique for test case design.
Which one of the following offers the BEST choice?

A. Statement testing and exploratory testing
B. Decision testing and equivalence partitioning
C. Decision testing and decision table testing
D. Boundary value analysis and decision table testing

Answer: D

NEW QUESTION 171
- (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 173
- (Exam Topic 3)
Which two of the following statements are true?

A. Software testing can be necessary to fulfill legal or contractual obligations.
B. Software testing is done to essentially increase the quality of developers.
C. Intensive testing can help reduce risks and problems during operation
D. Intensive testing is used to prove correctness.
E. C and D are tru
F. A and B are wrong.
G. A and C are tru
H. B and D are wrong
I. B and D are tru
J. A and C are wrong
K. B and C are true, A and D are wrong

Answer: D

NEW QUESTION 176
- (Exam Topic 3)
What is basic idea of structure-based testing techniques?

A. To allow developers to have their own testing technique.
B. To do better testing, since the specifications are not needed.
C. The more details of the source code are executed, the more faults can be found.
D. To gain time, since structure-based techniques are easier to implement than specification-based techniques.

Answer: C

NEW QUESTION 178
- (Exam Topic 3)
Which of the following is a key difference between black box and white box test design techniques?

A. Black box techniques use software code to derive test cases, white box techniques do not.
B. White box techniques use functional design specifications to derive test cases, black box techniques do not.
C. White box techniques can measure the extent of code coverage, black box techniques can not.
D. White box techniques derive test cases from models of the software, black box techniques do not.

Answer: C

NEW QUESTION 180
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