



iSQI

Exam Questions CTFL_Syll2018

ISTQB Certified Tester Foundation Level (Syllabus 2018)

NEW QUESTION 1

- (Exam Topic 1)

Which of the following is NOT an objective of testing?

- A. Finding defects
- B. Providing information for decision-making
- C. Analyzing and removing the cause of failures
- D. Gaining confidence about the level of quality of the software

Answer: B

NEW QUESTION 2

- (Exam Topic 1)

In foundation level syllabus you will find the main basic principles of testing, Which of the following sentences describes one of these basic principles?

- A. Complete testing of software is attainable if you have enough resources and test tools
- B. For a software system, it is not possible under normal conditions, to test all input and output combinations.
- C. A goal of testing is to show that the software is defect free
- D. With automated testing you can make statements with more confidence about the quality of a product than with manual testing.

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)

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 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)

Once a bug is fixed, it should be retested. What is the term used to define this type of testing?

- A. Reliability Testing
- B. Confirmation Testing
- C. Maintainability Testing
- D. Regression Testing

Answer: B

NEW QUESTION 7

- (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 8

- (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 9

- (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 10

- (Exam Topic 1)

Which of the following is correct?

- A. Intrusive test tools are tools that do not exhibit the probe-effect
- B. Testing tools can be used by both developers and testers
- C. Use of testing tools is effective only when done as part of a test automation system
- D. Testing tools allow developers do testing Use of such tools changes the role of the test team

Answer: B

NEW QUESTION 10

- (Exam Topic 1)

A software company decided to buy a commercial application for its accounting operations. As part of the evaluation process, the company decided to assemble a team to test a number of candidate applications.

Which team would be the most suitable for this goal?

- A. A team from an outsourcing company which specializes in testing accounting software
- B. A team with a mix of software testers and experts from the accounting department
- C. A team of users from the accounting department that will need to use the application on dairy basis
- D. A team from the company's testing team, due to their experience in testing software

Answer: D

NEW QUESTION 11

- (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 15

- (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 17

- (Exam Topic 1)

Which of the following is NOT a deciding factor in determining the extent of testing required?

- A. Budget to do testing
- B. A particular tester involved in testing
- C. Level of risk of the product or features
- D. Time available to do testing

Answer: A

NEW QUESTION 20

- (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 25

- (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 29

- (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 34

- (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 38

- (Exam Topic 2)

What is static analysis?

- A. The decision between using white or black box test techniques.
- B. Executing software to validate the most common path through the code.
- C. A technique to find defects in software source code and software models, performed without executing code.
- D. It is a testing technique used during system testing.

Answer: C

NEW QUESTION 43

- (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 46

- (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 47

- (Exam Topic 2)

What is decision table testing?

- A. It's a testing design technique based in the internal software structure.
- B. It's a static test design technique.
- C. It's a testing design technique to verify decisions.
- D. It's a testing design technique based in the system requirements.

Answer: D

NEW QUESTION 48

- (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 50

- (Exam Topic 2)

Which of the following statements about software development models is most accurate? [K1]

- A. The 4 stage V model is always the best choice of software development model for any project
- B. The agile development model is usually most appropriate for short projects
- C. The choice of software development model depends on product and project characteristics
- D. The 2 stage V model is the most appropriate development model for simple products

Answer: C

NEW QUESTION 54

- (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 59

- (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 60

- (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 63

- (Exam Topic 2)

Consider the following pseudo code

1. Begin
2. Read Gender
3. Print "Dear"
4. If Gender = 'female'
5. Print ("Ms")
6. Else
7. Print ("Mr")
8. Endif
9. End

How many test cases are needed to achieve 100 per cent decision coverage?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: B

NEW QUESTION 65

- (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 70

- (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 73

- (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 78

- (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 81

- (Exam Topic 2)

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

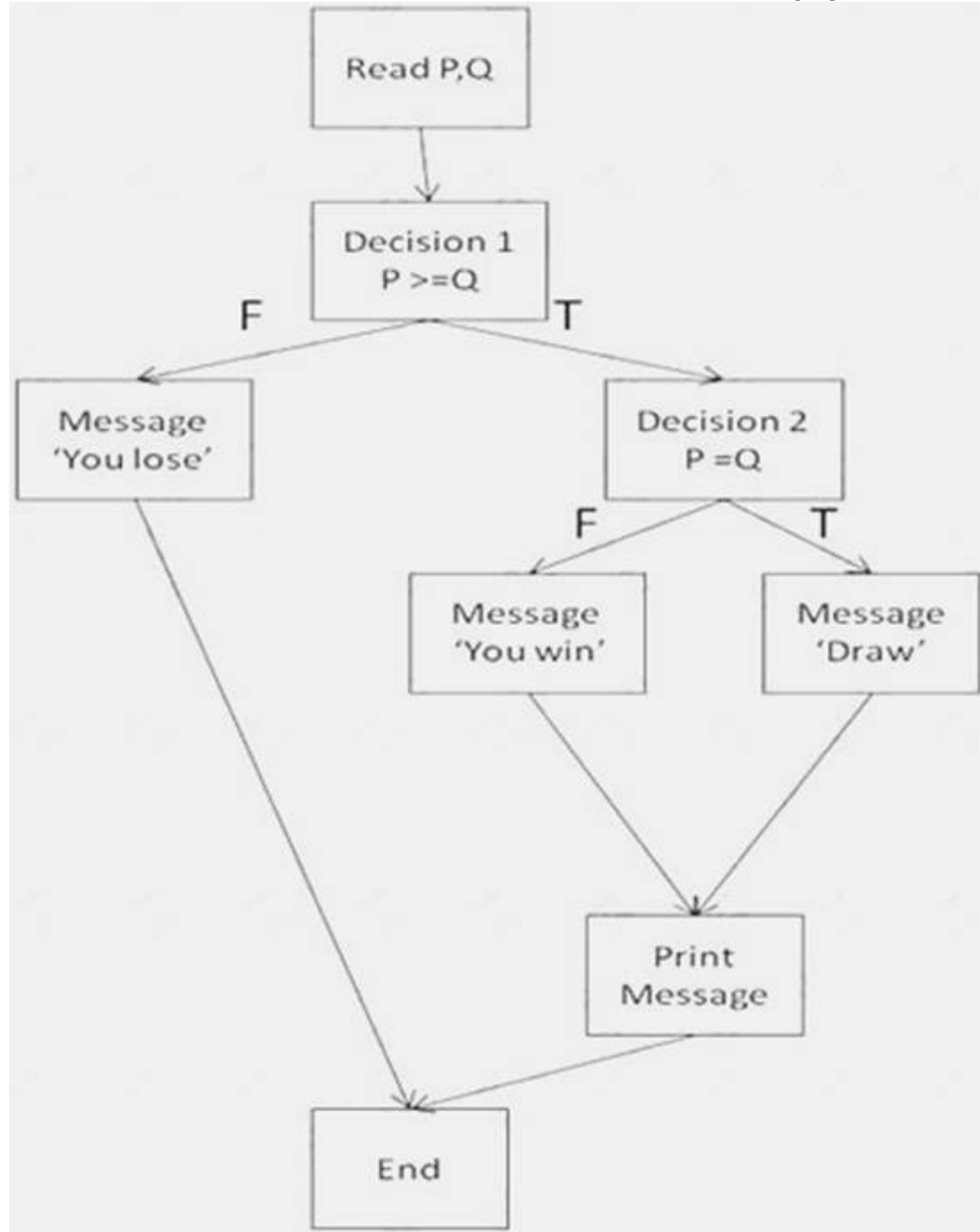
- A. Equivalence partitioning
- B. State transition testing
- C. Boundary value analysis
- D. Statement coverage

Answer: D

NEW QUESTION 83

- (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 88

- (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 91

- (Exam Topic 2)

Which of the following best describes the Black-box technique?

- A. It uses decision coverage for completeness.
- B. It ensures all possible branches in the code are tested.
- C. It is based on the internal structure of the system.
- D. It can be done without reference to the internal structure of the component or system.

Answer: D

NEW QUESTION 96

- (Exam Topic 2)

Equivalence Partitioning is best defined as:

- A. An analysis technique that divides inputs into groups that are expected to exhibit similar behaviors.
- B. Applying to time-related data classes only.
- C. A form of white-box testing.
- D. A method to reduce test coverage.

Answer: A

NEW QUESTION 100

- (Exam Topic 2)

Testers are often seen as the bearer of unwanted news regarding defects. What are effective ways to improve the communication and relationship between testers and others?

- a) Communicate factual information in a constructive way.
- b) Try to understand how the other person feels and why they react the way they do.
- c) Always outsource testing activities.
- d) Never record information that could be used to apportion blame to an individual or team.

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

Answer: A

NEW QUESTION 104

- (Exam Topic 2)

Consider the following pseudo code:

1. Begin
2. Input X, Y
3. If $X > Y$
4. Print (X, 'is greater than', Y)
5. Else
6. Print (Y, 'is greater than or equal to', X)
7. EndIf
8. End

What is the minimum number of test cases required to guarantee both 100% statement coverage and 100% decision coverage?

- A. Statement coverage = 3, Decision coverage = 3
- B. Statement coverage = 2, Decision coverage = 2
- C. Statement coverage = 1, Decision coverage = 2
- D. Statement coverage = 2, Decision coverage = 1

Answer: B

NEW QUESTION 108

- (Exam Topic 2)

What type of test design technique is the most effective in testing screen-dialog flows?

- A. Use case testing
- B. Boundary value testing
- C. Statement testing and coverage
- D. State transition testing

Answer: D

NEW QUESTION 112

- (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 116

- (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 117

- (Exam Topic 2)

Refer to the exhibit

The following test cases need to be run, but time is limited, and it is possible that not all will be completed before the end of the test window

| # | Description | Priority | Note |
|---|--|----------|--------------------------|
| a | Re-test defect no 52 | Low | Re-test |
| b | Ability to amend transaction type | High | |
| c | Re-test defect no 26 | High | Re-test |
| d | Run regression test script | Medium | Regression |
| e | Print monthly sales figures | Medium | |
| f | Add special invoice to previous month | Low | |
| g | Reprint selected previous sales figures | High | Must be run after item e |
| h | Account administrator able to amend any previous month's sales figures | Low | |
| i | Print year-to-date figures | Medium | |

The first activity is to run any re-tests, followed by the regression test script. Users have supplied their priority order to tests.

Which of the following gives an appropriate test execution schedule, taking account of the prioritisation and other constraints? [K3]

- A. b, c, g, d, e, i, a, f, h
B. a, c, d, b, g, e, i, f, h
C. c, a, d, b, e, g, i, h, f
D. d, c, a, e, b, g, i, f, h

Answer: C

NEW QUESTION 120

- (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 124

- (Exam Topic 2)

"Experience based" test design techniques, typically...

- A. Use decision tables to generate the Boolean test conditions to be executed.
B. Identify the structure of the system or software at the component, integration or system level.
C. Use the skill, intuition and experience of the tester to derive the test cases, using error guessing and exploratory testing.
D. Establish traceability from test conditions back to the specifications and requirements.

Answer: C

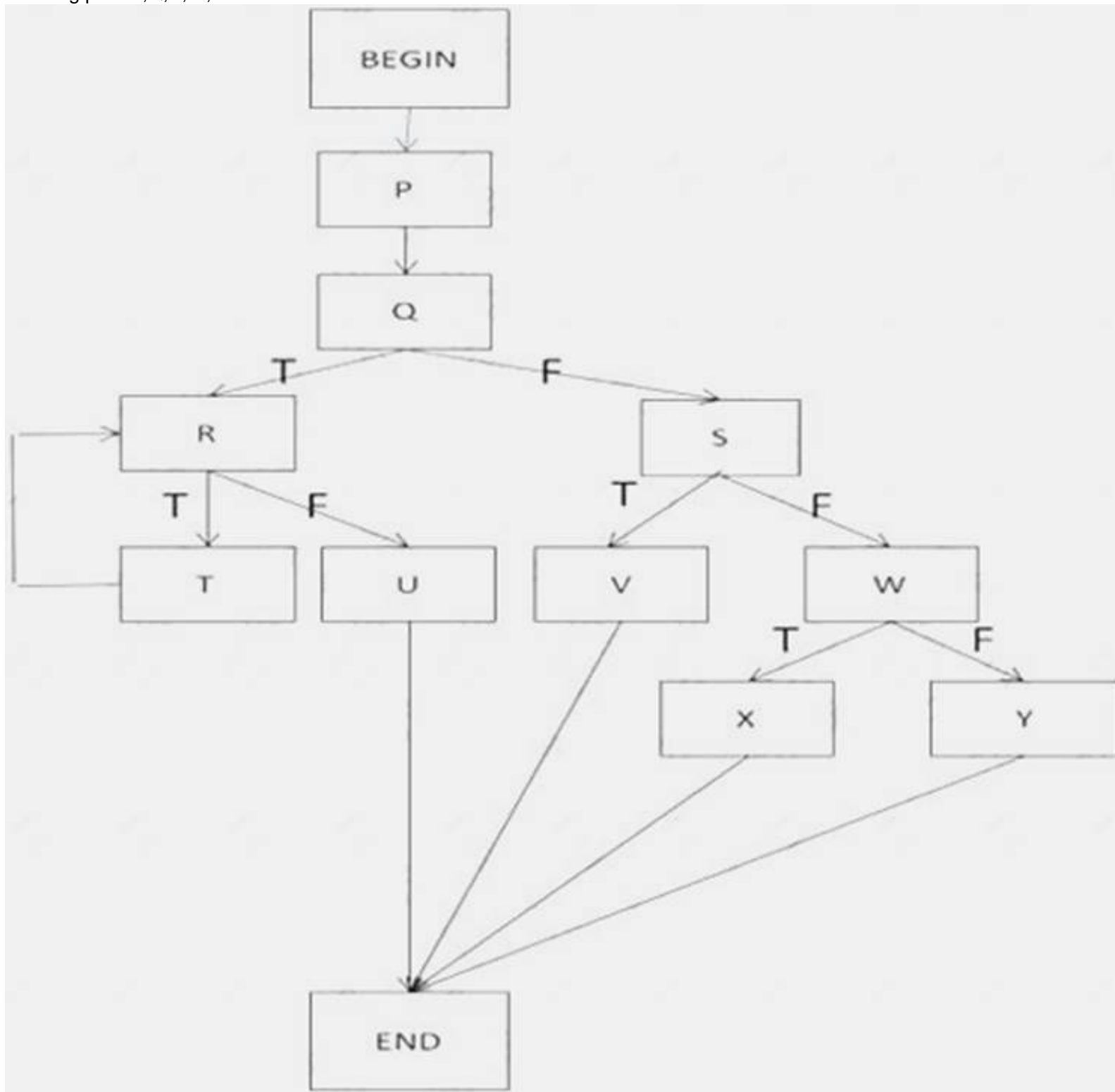
NEW QUESTION 125

- (Exam Topic 2)

The flow graph below shows the logic of a program for which 100% statement coverage and 100% decision coverage is required on exit from component testing.

[K4]

The following test cases have been run: Test Case 1 covering path P,Q,R,U Test Case 2 covering path P,Q,S,V Test Case 3 covering path P,Q,S,W,X Test case 4 covering path P,Q,S,W,Y Refer to the exhibit



- A. Statement coverage is 100%; decision coverage is 100%
- B. Statement coverage is less than 100%; decision coverage is 100%.
- C. Statement coverage is 100%; decision coverage is less than 100%
- D. Statement coverage and decision coverage are both less than 100%

Answer: D

NEW QUESTION 130

- (Exam Topic 2)

When an organization considers the use of testing tools, they should:

- A. Use a tool in order to help define a good test process because the tool will force process repeatability and therefore enforce good test process.
- B. Always start by bringing in automated test execution tools as these tools have the greatest return on investment and therefore should be introduced first.
- C. Perform analysis of the test process and then assess whether it can be supported through the introduction of tool support.
- D. Allow the developers to select the testing tools because tools are technical and developers have the appropriate skills to advise on test tool selection and configuration.

Answer: C

NEW QUESTION 131

- (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 133

- (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 the SDLC (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 138

- (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 141

- (Exam Topic 3)

Which of the following activities is appropriate to the test planning stage?

- A. Analysing the test basis
- B. Assigning resources for the planned activities
- C. Designing the test environments
- D. Writing a test execution schedule

Answer: B

NEW QUESTION 144

- (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 146

- (Exam Topic 3)

Which of the following is NOT a valid use of decision coverage?

- A. Checking that all decisions have been exercised in a single program.
- B. Checking that all decisions have been exercised in a business process.
- C. Checking that all decisions are based on a numeric value.
- D. Checking that at least 100% decision coverage has been achieved, as this guarantees 100% statement coverage.

Answer: C

NEW QUESTION 147

- (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 148

- (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 151

- (Exam Topic 3)

Load testing tool checks for:

- A. presence of bugs in user interface
- B. the number of testers needed in order to achieve "dead line"
- C. correct functional behavior of the system under test
- D. time response and resource utilization

Answer: D

NEW QUESTION 153

- (Exam Topic 3)

To which of the following test levels regression testing be applied?

- A. Component TestingI
- B. Integration TestingII
- C. System TestingI
- D. Acceptance Testing
- E. II, III, IV
- F. I, II
- G. I, II, III
- H. I, II, III, IV

Answer: C

NEW QUESTION 154

- (Exam Topic 3)

Why is it important to select a test technique?

- A. Test techniques define the number of regression cycles, which in turn impact the project schedule
- B. Selecting the right test technique in a given situation increases the effectiveness of the test process by creating tests with higher chance of finding bugs.
- C. The only way to test a software application is by using well proven test techniques.
- D. There are usually too many test cases that may be run on a syste
- E. Test techniques help reduce the number of tests.

Answer: D

NEW QUESTION 159

- (Exam Topic 3)

Which of the following statements is the best explanation why software failures can be caused by environmental conditions?

- A. Factors like magnetism, radiation and even pollution can affect electronic devices and the performance of their embedded real time software
- B. Environmental conditions only affect the hardware - not the software
- C. If the hardware on which the software application is running under ambient temperature and humidity, no failures can be linked to environmental conditions
- D. Extreme heat and vibrations exerted on storage media can cause errors in algorithms and program flows

Answer: D

NEW QUESTION 160

- (Exam Topic 3)

A holiday club restricts those booking the holiday, to people between the ages of 18 and 30 inclusive. Using three-point boundary values, what ages would be required to test the lower and upper boundary?

- A. 17, 18, 19, 29, 30, 31.
- B. 17, 18, 19, 30, 31, 32.
- C. 18, 19, 20, 28, 29, 30.
- D. 16, 17, 18, 30, 31, 32.

Answer: A

NEW QUESTION 164

- (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 167

- (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 172

- (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 175

- (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 178

- (Exam Topic 3)

You are introducing a new test tool into your organization and planning a pilot project. What is a MAIN objective of this pilot project?

- A. To immediately save cost for current projects in your organisation
- B. To show competitors that your organisation is improving its test process
- C. To motivate the test team and make testers feel valued
- D. To learn more detail about the tool and how it fits with existing processes

Answer: A

NEW QUESTION 181

- (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 186

- (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 188

- (Exam Topic 3)

Which of the following is NOT a valid use of decision coverage?

- A. Checking that all decisions have been exercised in a single program
- B. Checking that all decisions have been exercised in a business process
- C. Checking that all calls from one program module to another have been made correctly
- D. Checking that at least 50% of decisions have been exercised by a test case suite

Answer: D

NEW QUESTION 191

- (Exam Topic 3)

Which statement about deriving test cases from a use case is TRUE?

- A. Test cases are designed to exercise the defined behaviours.
- B. There should only be one test case for each use case.
- C. Test cases can only be derived if there is an activity diagram.
- D. It is not possible to measure use case test coverage.

Answer: A

NEW QUESTION 195

- (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, whilst Dynamic Testing relies on examination and analysis.
- D. Only Static Testing has the objective of identifying defects.

Answer: B

NEW QUESTION 196

- (Exam Topic 3)

Which one of the following statements about techniques for estimating test effort is correct?

- A. The metrics-based technique finds the most similar former project and uses its original estimate for the current project.
- B. The expert-based approach is based on the experience of the owners of the testing tasks or by subject matter experts.
- C. The metrics-based technique uses metrics supplied by the current test team based on their subjective feel for effort required.
- D. In an expert-based approach, the test lead with the most years in the role is chosen to produce the estimate.

Answer: B

NEW QUESTION 198

- (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 200

- (Exam Topic 3)

Can "cost" be regarded as Exit criteria'?

- A. No The financial value of product quality cannot be estimated so it is incorrect to use cost as an exit criteria
- B. Ye
- C. Spending too much money on testing will result in an unprofitable product, and having cost as an exit criteria helps avoid this
- D. Yes Going by cost as an exit criteria constrains the testing project which will help achieve the desired quality level defined for the project
- E. No The cost of testing cannot be measured effectively, so it is incorrect to use cost as an exit criteria

Answer: C

NEW QUESTION 205

- (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 209

- (Exam Topic 3)

Which of the following are triggers for Maintenance testing?

- a) System migration from one platform to another.
- b) Retirement of a system.
- c) Preparation for an audit of a system.
- d) Modifications to a system.
- e) Development of a whole new system.

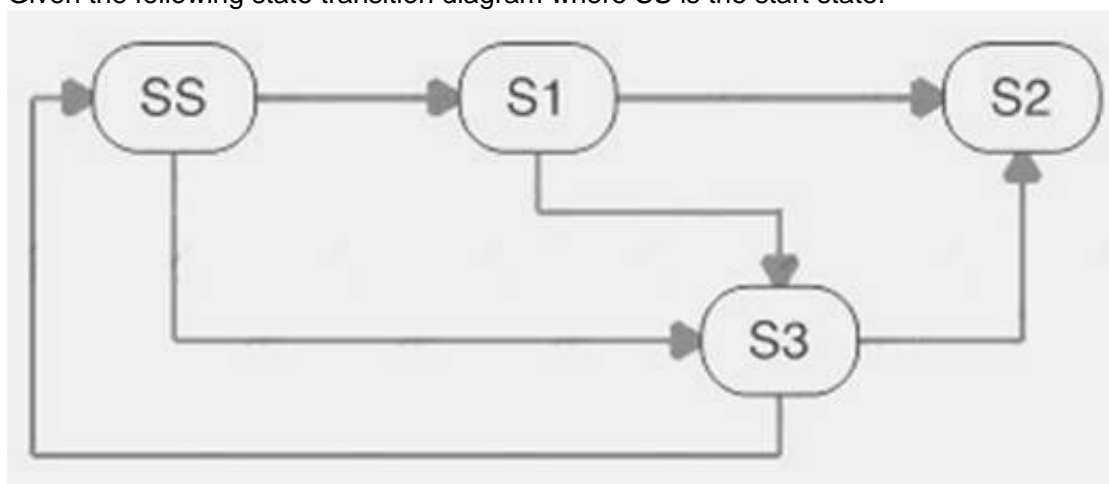
- A. a, c and d.
- B. b, c and e.
- C. a, d and e.
- D. a, b and d.

Answer: A

NEW QUESTION 211

- (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 212

- (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 217

- (Exam Topic 3)

Which of the following BEST describes a methodical approach to the Error Guessing test technique?

- A. A tester dynamically designs and executes tests based on their knowledge, exploration of the test item and the results of previous tests.
- B. An experienced tester makes a list of potential defects and failures, and designs and runs tests to generate these failures should the defects be present in the code.
- C. A tester designs, implements and executes tests to cover test conditions found in checklists that are based on what is important for the user.
- D. An inexperienced tester is asked to attempt to guess errors that may have been missed by experienced testers during formal test design.

Answer: A

NEW QUESTION 218

- (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 219

- (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

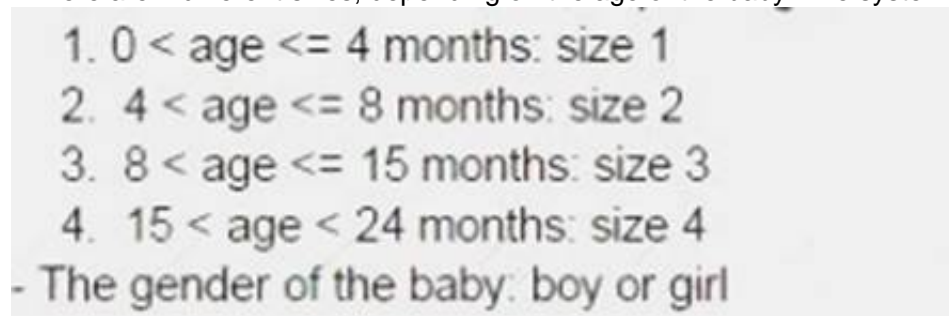
Answer: A

NEW QUESTION 222

- (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 227

- (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 229

- (Exam Topic 3)

Choose below the best characterization of the difference between black-box testing and white-box testing

- A. For black-box testing, the testers do not need to know the test object in advance
- B. For white-box testing, the testers have to consult specifications and developers before running any tests
- C. Black box testing uses static analysis
- D. White box testing uses dynamic analysis
- E. Black-box testing is based on the test basis documentation
- F. White-box testing is based on an analysis of the code itself.
- G. Black-box testing is based on an analysis of the code itself White-box testing is based on the test basis.

Answer: C

NEW QUESTION 231

- (Exam Topic 3)

What is a "test harness"?

- A. One of the topics that needs to be covered in the final Test Report.
- B. A general name for test data that is used by the test cases.
- C. A detailed description of a test case to enable its execution by non-expert tester.
- D. A test environment comprised of stubs and drivers needed to execute a test.

Answer: A

NEW QUESTION 233

- (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 234

- (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 237

- (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 238

- (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. Yes
- C. 50% branch coverage guarantees 100% statement coverage
- D. With 80% branch coverage, the exit criteria is easily met.
- E. No
- 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 242

- (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 243

- (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 247

- (Exam Topic 3)

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

- A. Data migration
- B. System retirement
- C. System modification
- D. Introduction of a test management tool

Answer: D

NEW QUESTION 250

- (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 252

- (Exam Topic 3)

Which of the following statements about use cases and use case testing is NOT TRUE?

- A. Use cases can be used as test basis for acceptance testing
- B. Use case testing can find defects in the process flow.
- C. Use cases can be described at the abstract level or at the system level
- D. Use cases are normally derived from decision tables

Answer: C

NEW QUESTION 257

- (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 259

- (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 263

- (Exam Topic 3)

You need to test a vending machine for light drinks. The machine has a button for each of the drinks it contains. Pressing a button before inserting coins, will display the cost of the drink.

Pressing the same button after inserting enough coins will dispense the drink and provide change if needed. If the machine is out of the specific drink, and the button for this drink is pressed, the machine displays "Sold Out" (regardless if coins were inserted or not).

Which test technique is most suitable for this situation?

- A. State transition testing
- B. Equivalence class testing
- C. Boundary value testing
- D. Use-case testing

Answer: D

NEW QUESTION 265

- (Exam Topic 3)

Which of the following options BEST explain the pesticide paradox principle of testing?

- A. If we do not regularly review and revise our tests, we'll stop finding defects.
- B. Repeatedly running a set of tests will ensure that a system is defect free.
- C. Defects are, paradoxically, often contained in a small number of modules.
- D. Testing, like spraying pesticide, is an effective bug / defect removal activity.

Answer: C

NEW QUESTION 267

- (Exam Topic 3)

Which of the following would be the LEAST likely to be used as the basis for a test exit criteria?

- A. Cost of testing performed so far
- B. Number of unfixed defects
- C. Confidence of testers in tested code
- D. Test schedules

Answer: B

NEW QUESTION 272

- (Exam Topic 3)

You are performing a review of your colleague's test cases based on the following test basis document:

User Login

User Name

Password

LOGIN

| Validation failure # | Field Name | Validation rule | Error Number for validation failure |
|----------------------|------------|--|-------------------------------------|
| V1 | User Name | Mandatory | 12 |
| V2 | User Name | Must already exist on database | 23 |
| V3 | Password | Mandatory | 13 |
| V4 | Password | Must match user's password on database | 24 |

The Test Cases are as follows:

TC1. Success – valid 'User Name' and 'Password'; Customer Menu displayed
 TC2. Failure – 'User Name' field has blank entry; Error Number 12 displayed
 TC3. Failure – 'User Id' entered does not exist on database (i.e. unregistered user); Error Number 23 displayed
 TC4. Failure – 'Password' entered does not match user's password on database; Error Number 24 displayed

You are guided by the following checklist in your review:

C1. There must be one test case to cover success

C2. There must be one test case for each error path (e.g. validation failure)

C3. Each test case must use terminology consistent with the test basis document (field names, error numbering, etc.)

Record a separate defect for each missing test case (checklist items C1 and C2) and for each test case that does not meet checklist item C3.

How many defects should you record?

- A. 1.
- B. 2.
- C. 3.
- D. 4.

Answer: C

NEW QUESTION 274

- (Exam Topic 3)

Which of the following is NOT a characteristic of good testing, independent of the development life cycle model?

- A. Each test level has objectives specific for the test level
- B. Testers are involved in reviewing documents as soon as drafts are available
- C. Every development activity is matched by a corresponding testing activity.
- D. Testers are involved in reviewing documents as soon the documents are approved.

Answer: D

NEW QUESTION 277

- (Exam Topic 3)

A software system checks age in order to determine which welcome screen to display

Age groups are

Group I: 0-12

Group II: 13-18 Group III: over 18

Which of the below represent boundary values?

- A. (0, 12, 13,18,19)
- B. (-1,0,11,12,13,14,18,19)
- C. (4,5,15,20)

D. (-1.0,12,13,18,19)

Answer: D

NEW QUESTION 278

- (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 281

- (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 285

- (Exam Topic 3)

You are testing an e-commerce system The system accepts four different types of Credit Cards; each card has its own rules for valid and invalid numbers. The following is a portion of the Decision Table for Order Management.:

| Condition | | | |
|-------------------|-----|-----|-----|
| ----- | | | |
| Valid Card Number | NO | YES | YES |
| Purchase Approved | NO | NO | YES |
| Action | | | |
| ----- | | | |
| Reject message | YES | YES | NO |
| Accept Payment | NO | NO | YES |

The combination of the conditions Valid Card Number (NO) + Purchase Approved (YES) is not feasible. You wish to perform a test which completely covers all the combinations of equivalence partitioning for the different types of credit card, according to the rules shown in the above Decision Table How many test cases do you need?

- A. 8
- B. 4
- C. 16
- D. 12

Answer: C

NEW QUESTION 290

- (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 292

- (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 296

- (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 298

- (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 301

- (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 306

- (Exam Topic 3)

Considering the following pseudo-code, calculate the MINIMUM number of test cases required to achieve 100% statement coverage and 100% decision coverage.

```
IF user age > 14 THEN
  IF user name = 'blank' THEN
    Error message
  ELSE
    IF sex=null or age>120 THEN
      Error message
    ELSE
      Correct entry
    ENDIF
  ENDIF
ELSE
  Error message
ENDIF
```

- A. Statement coverage: 4, Decision coverage: 5
- B. Statement coverag
- C. 3. Decision coverage 4
- D. Statement coverage 4. Decision coverage 4
- E. Statement coverage: 4. Decision coverage: 3

Answer: A

NEW QUESTION 310

- (Exam Topic 3)

Which of the following is NOT a typical task for a test leader?

- A. Select the test approach
- B. Coordinate the test strategy
- C. Prepare and acquire test data
- D. Estimate the cost of testing

Answer: D

NEW QUESTION 314

- (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 319

- (Exam Topic 3)

Which set of test data (representing ages of human beings in years) given below shows equivalence partitioning to verify if a customer is in its thirties (A person whose age is between thirty and thirty-nine years, inclusive) or not?

- A. 25. 30. 40
- B. 30. 35, 25
- C. 20. 35, 39
- D. 30. 39. 45

Answer: A

NEW QUESTION 321

- (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 324

- (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 327

- (Exam Topic 3)

| | Rule 1 | Rule 2 | Rule 3 | Rule 4 | Rule 5 | Rule 6 |
|-----------------------|--------|--------|--------|--------|--------|--------|
| Conditions: | | | | | | |
| Car Driver | No | Yes | Yes | Yes | Yes | No |
| Motorcycle Driver | No | No | No | No | No | Yes |
| Diesel | N/A | Yes | Yes | No | No | N/A |
| Petrol | N/A | No | No | Yes | Yes | N/A |
| Engine < 1600cc | N/A | Yes | No | Yes | No | N/A |
| Engine >1600cc | N/A | No | Yes | No | Yes | N/A |
| Actions: | | | | | | |
| Can claim expenses | No | Yes | Yes | Yes | Yes | Yes |
| Expenses claim band A | N/A | Yes | No | No | No | Yes |
| Expenses claim band B | N/A | No | Yes | No | No | No |
| Expenses claim band C | N/A | No | No | Yes | No | No |
| Expenses claim band D | N/A | No | No | No | Yes | No |

The decision table above shows a company's fuel expenses structure. Which of the following Test Cases based on the decision table are Valid? Test Case 1:
An employee who is not a car or motorcycle driver attempts to claim fuel expenses. Expected result: Expense claim not allowed.
Test Case 2:
An employee who drives a 1700cc diesel car attempts to claim fuel expenses. Expected result: Expense claim accepted at band C.
Test Case 3:
An employee who rides a motorcycle attempts to claim fuel expenses. Expected result: Expense claim accepted at band A.

- A. Test Cases 1 and 3 are Valid, Test Case 2 is Invalid.
- B. Test Cases 2 and 3 are Valid, Test Case 1 is Invalid
- C. Test Cases 1, 2 and 3 are all Valid.
- D. Test Cases 2 is Valid, Test Cases 1 and 3 are Invalid

Answer: C

NEW QUESTION 331

- (Exam Topic 3)

During the development of a software change for a system, the developer makes a mistake in his work, which leads to a fault in the code. Unfortunately the fault is not found by software testing and is released into live.
What is the definite consequence of this mistake?

- A. The system will fail, causing a defect
- B. If the contained in a small, the system may fail
- C. Loss of money, time, or business reputation
- D. Contractual requirements have not been met by testing

Answer: B

NEW QUESTION 333

- (Exam Topic 3)

Which of the following statements is true?

- A. Regression testing is a technique for system testing and acceptance testing only.
- B. Regression testing can be used in any level of testing, but must be done after white-box testing has been finished.
- C. Regression testing is an alternative term for re-testing
- D. Regression testing is intended to find side-effects after changes have been applied to the system under test.

Answer: A

NEW QUESTION 337

- (Exam Topic 3)

The ISTQB fundamental test process consists of 5 main activities To which of these belongs the task "Identifying necessary test data"?

- A. Evaluating test criteria and reporting
- B. Test implementation and execution
- C. Test planning and control
- D. Test analysis and design

Answer: C

NEW QUESTION 339

- (Exam Topic 3)

An online form has a "Title" input field The valid values for this field are: Mr, Ms. Mrs. Which of the following is a correct list of the equivalence classes of the input values for this field?

- A. Any one of: Mr, Mrs., Ms; any other input
- B. Mr: Ms; Mrs.: no input; any other input
- C. Any one of: Mr, Mrs., Ms; no input, any other input
- D. Mr; Mrs.; Ms; any other input

Answer: D

NEW QUESTION 344

- (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 346

- (Exam Topic 3)

Which of the following would be a good test technique to use when under severe time pressure?

- A. Exploratory testing

- B. Structure based testing
- C. Specification based testing
- D. Use Case testing

Answer: B

NEW QUESTION 350

- (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 351

- (Exam Topic 3)

Testing effort can depend on a number of factors, which one of following is MOST likely to impact the amount of effort required?

- A. The predicted number of defects and the amount of rework required
- B. The ratio of developers to testers in the project team
- C. The planned use of a project management tool to schedule tasks
- D. The responsibilities for testers and developers being clearly defined

Answer: C

NEW QUESTION 356

- (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 359

- (Exam Topic 3)

An issue has been found in a production system, 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 during Performance testing?

- A. Dynamic analysis tool.
- B. Test Execution tool.
- C. Configuration management tool.
- D. Coverage measurement tool.

Answer: A

NEW QUESTION 364

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