

CTFL_Syll2018 Dumps

ISTQB Certified Tester Foundation Level (Syllabus 2018)

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NEW QUESTION 1

- (Exam Topic 1)

The following sentences refer to the Standard for Software Test Documentation' specification (IEEE 829). Which sentence is correct?

- A. The key to high quality test documentation regimes is strict adherence to this standard
- B. Any deviation from this standard should be approved by management, marketing & development
- C. This test plan outline is relevant for military projects For consumer market projects there is a different specification with fewer items
- D. Most test documentation regimes follow this spec to some degree, with changes done to fit a specific situation or organization

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

The following program part is given: IF (condition A)

then DO B

END IF

How many test cases are necessary in order to achieve 100% statement coverage?

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

Answer: B

NEW QUESTION 3

- (Exam Topic 1)

Which of the following is an example of black-box dynamic testing?

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

Answer: C

NEW QUESTION 4

- (Exam Topic 1)

A money order system is designed to calculate the charge for a transfer

- Amounts from 1 to 1999 are charged EUR 10.

- Amounts from 2000 to 5000 are charged EUR 15

- Amounts below EUR 1 or above EUR 5000 are not accepted. Assume that only integer values can occur. Which of these sets of amounts covers all equivalence classes?

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

Answer: C

NEW QUESTION 5

- (Exam Topic 1)

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

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

Answer: D

NEW QUESTION 6

- (Exam Topic 1)

Which of the following tool types is the most useful one for a test manager?

- A. Modeling tool
- B. Static analysis tool
- C. Coverage measurement tool
- D. Defect tracking tool

Answer: C

NEW QUESTION 7

- (Exam Topic 1)

An organization is working on updating test cases for a particular module of their software. Sam updated a set of test cases yesterday and saved the new version on his PC. Unfortunately, the hard disk of his PC crashed, and his work was lost.

The IT department of the organization restored the contents of his hard disk with the last available back-up - from the previous morning. However, the changes made by him yesterday were lost forever.

Which of the following tools, had it been used, would have prevented the loss of Sam's updates?

- A. Incident Management Tool
- B. Configuration Management Tool
- C. Test Execution tool
- D. Backup tool

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 defect types are LEAST likely to be discovered when using static analysis tools?

- A. Variables that are never used
- B. Coding standard violations
- C. Memory leaks
- D. Uncalled functions and procedures

Answer: C

NEW QUESTION 10

- (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 10

- (Exam Topic 1)

When testing a mission critical system a high coverage should be achieved. Which of the following techniques should be implemented as a structural based coverage technique in order to achieve highest coverage?

- A. multiple condition coverage
- B. decision table
- C. use case testing
- D. statement coverage

Answer: A

NEW QUESTION 15

- (Exam Topic 1)

"Statement Testing" is part of;

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

Answer: D

NEW QUESTION 18

- (Exam Topic 1)

The following test cases for a Library Management System are available to test changes made to the functions and data structures associated with borrowers

1. Add a new borrower to the system
2. Update a borrower's data

3. Remove a borrower from the system
 4. Loan a book to a borrower
 5. Return a book from a borrower
 6. Reserve a book for a borrower
 7. Send "reservation ready" message to a borrower
- Which of the following test sequences represents a possible use case? (a test sequence always start with test #1)

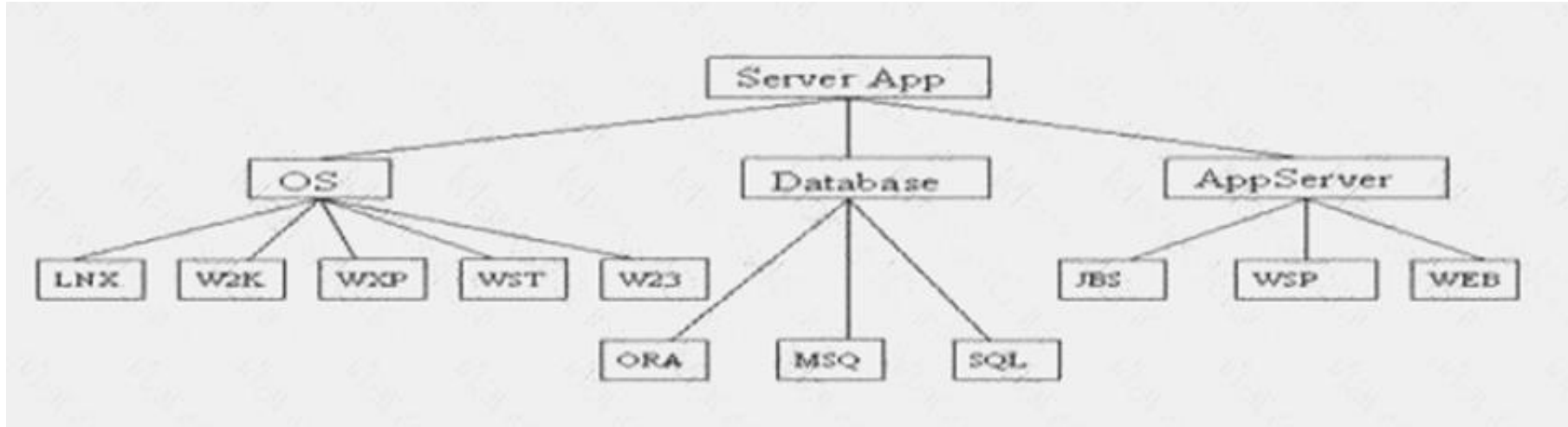
- A. 1-4-2-7-5-6-3
- B. 1-6-2-5-7-4-3
- C. 1-6-4-7-5-3-2
- D. 1-2-6-7-4-5-3

Answer: B

NEW QUESTION 21

- (Exam Topic 1)

The following diagram lists various types of operating systems, databases and application servers supported by the application under test. For complete coverage of all combinations, how many combinations of the above are to be tested?



- A. 11
- B. 5
- C. 45
- D. 3

Answer: D

NEW QUESTION 22

- (Exam Topic 1)

Which of the following errors CANNOT be found with structure-based testing techniques?

- A. Memory is leaking
- B. Features are only partially implemented
- C. Data structures that are used before initialization
- D. Division by zero

Answer: A

NEW QUESTION 26

- (Exam Topic 2)

When should testers be involved in reviewing a UAT specification? [K1]

- A. At the beginning of the project
- B. As soon as requirements have been approved
- C. As soon as the UAT specification has been drafted
- D. At any time before UAT begins

Answer: C

NEW QUESTION 31

- (Exam Topic 2)

The Cambrian Pullman Express has special ticketing requirements represented by the partial decision table below. Refer to the exhibit

Conditions	Rule 1	Rule 2	Rule 3	Rule 4	Rule 5	Rule 6
First Class ticket	Y	N	N	N	Y	N
Std Class Flexible ticket	N	Y	N	N	N	Y
Std Class Day Return	N	N	Y	N	N	N
Std Class Super Saver	N	N	N	Y	N	N
Railcard holder	N	N	N	N	Y	Y
Actions						
OK to travel	Y	N	N	N	Y	N
Eligible for upgrade	N	Y	N	N	N	Y
Concessionary fare	N	N	N	N	Y	Y

Carol has a student railcard and is travelling on a Flexible Standard Class ticket. James has a senior railcard and is travelling on a super saver ticket. Which of the options represents the correct actions for these two test cases? [K3]

- A. Carol is eligible to upgrade; James cannot use the service
- B. Carol is OK to travel; James is eligible for an upgrade
- C. Carol and James are both eligible to upgrade
- D. Carol is OK to travel; James cannot use the service

Answer: A

NEW QUESTION 35

- (Exam Topic 2)

Why is independent testing important? [K1]

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

Answer: C

NEW QUESTION 37

- (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 40

- (Exam Topic 2)

Which of the following is a valid reason for writing test cases based on experience and intuition? [K1]

- A. Use of formal techniques requires expensive training
- B. Only experience can ensure all functionality is covered
- C. Tests based on experience and intuition can supplement formal techniques
- D. Formal techniques require the use of expensive tools

Answer: C

NEW QUESTION 41

- (Exam Topic 2)

Which of the following are valid test objectives? (i)Finding defects.

(ii)Gaining confidence about the level of quality and providing information. (iii)Preventing defects.

(iv) Debugging the code.

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

Answer: A

NEW QUESTION 45

- (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 48

- (Exam Topic 2)

What is the main reason for using a pilot project to introduce a testing tool into an organization? [K1]

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

Answer: C

NEW QUESTION 50

- (Exam Topic 2)

Which of the following statements about use-case testing are most accurate? (i)In a use-case diagram an actor represents a type of user.

(ii)Use-cases are the most common test basis for unit testing.

(iii)A use-case describes interactions between actors.

(iv)An actor is always a human user that interacts with the system. (v)Test cases can be based on use-case scenarios.

(vi) Use-case testing will often identify gaps not found by testing individual components.

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

Answer: B

NEW QUESTION 53

- (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 58

- (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 61

- (Exam Topic 2)

Which of the following is a consideration when deploying test execution tools? [K1]

- A. Data-driven testing cannot be used with test execution tools
- B. Recorded manual tests may become unstable in use
- C. Keyword-driven testing cannot be used with test execution tools
- D. Expected results for tests are not required because the tool generates expected results

Answer: B

NEW QUESTION 62

- (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 67

- (Exam Topic 2)

Under which of the following circumstances is maintenance testing required? [K1]

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

Answer: A

NEW QUESTION 69

- (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 73

- (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 75

- (Exam Topic 2)

Which type of review has the following main purposes:

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

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

Answer: A

NEW QUESTION 78

- (Exam Topic 2)

Typically, exit criteria may consist of:

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

Answer: B

NEW QUESTION 79

- (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 83

- (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 87

- (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 90

- (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 95

- (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 101

- (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 102

- (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 103

- (Exam Topic 2)

Test script TransVal 3.1 tests transaction validation via screen TRN 003B. According to the specification (PID ver 1.3 10b iv) the validation screen should not accept future dated transactions. Test script TransVal 3.1 passes. Test script eod 1.4 tests end of day processing and is run after the execution of TransVal 3.1 using data entered during that test

Which of the following is the BEST detail on an incident report? [K3]

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

Answer: D

NEW QUESTION 108

- (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 112

- (Exam Topic 2)

What content would be in an incident report if that incident report was based on the IEEE 829 Standard for Software Test Documentation?

- (i) Identification of configuration items of the software or system. (ii) Software or system lifecycle process in which the incident was observed. (iii) Description of the anomaly to enable reproduction of the incident. (iv) Number of occurrences of the incident.
- (v) Classification of the cause of the incident for metrics and for reporting purposes. Number of correct answers: 1

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

Answer: A

NEW QUESTION 113

- (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 115

- (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 119

- (Exam Topic 2)

Test objectives for systems testing of a safety critical system include completion of all outstanding defect correction. Regression testing is required following defect correction at all test levels. Which TWO of the following metrics would be MOST suitable for determining whether the test objective has been met? [K2]

- A. Regression tests run and passed in systems testing
- B. Incidents closed in systems testing
- C. Planned tests run and passed in system testing
- D. Planned tests run and passed at all levels of testing
- E. Incidents raised and closed at all levels of testing
- F. a and e
- G. b and c
- H. d and e
- I. a and b

Answer: A

NEW QUESTION 123

- (Exam Topic 2)

Which of the following test design techniques is classified as a structure-based (white box) technique? [K1]

- A. Exploratory testing
- B. Decision table testing
- C. State transition testing
- D. Statement testing

Answer: D

NEW QUESTION 125

- (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 128

- (Exam Topic 2)

What is the value of static code analysis?

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

Answer: B

NEW QUESTION 129

- (Exam Topic 2)

Which statement correctly describes debugging? [K2]

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

Answer: A

NEW QUESTION 132

- (Exam Topic 2)

Before an invoice can be created, an account is required. Before an account can be set up, an account user is required (in order to set up the account). The software is delivered with a master user only, who can only create other types of users. The following test cases have been written to test the high-level structure of the software

- A. Create an invoice
 - B. Amend an invoice
 - C. Process an invoice (send to customer)
 - D. Delete an invoice
 - E. Create an account
 - F. Create an account user
 - G. Amend an account user
 - H. Delete an account user
 - I. Amend an account
 - J. Delete an account
- Which of the following test procedures would enable all tests to be run? [K3]
- K. f, g, a, c, b, d, e, i, j, h
 - L. e, i, a, c, b, d, f, g, h, j
 - M. e, i, f, g, a, c, b, d, h, j
 - N. f, g, e, i, a, b, c, d, j, h

Answer: D

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 136

- (Exam Topic 3)

Which of the following describes a task performed as part of the Test Implementation and Execution' activity?

- A. Logging the outcome of test execution and reporting bugs
- B. Evaluating the testability of the test basis and test objects
- C. Assessing if the specified exit criteria should be changed
- D. Selecting metrics for monitoring test execution and defect resolution

Answer: A

NEW QUESTION 140

- (Exam Topic 3)

Which of the following BEST describes a Test Case?

- A. A statement about "what to test" in terms of measurable coverage criteria from analysis of the test basis.
- B. A set of preconditions, inputs, actions, expected results and postconditions developed based on test conditions.
- C. A description of the test objectives to be achieved and the means and the schedule for achieving them.
- D. A source to determine expected results to compare with the actual result of the system under test.

Answer: B

NEW QUESTION 144

- (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 146

- (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 151

- (Exam Topic 3)

Which of the following tools can be used by developers, testers and quality assurance personnel in looking for defects prior to dynamic testing?

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

Answer: A

NEW QUESTION 156

- (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 160

- (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 164

- (Exam Topic 3)

Which of the following statements about Use Case Testing is FALSE?

- A. Use case generally has a mainstream scenario and may have many alternate or exceptional scenarios.
- B. A use case can be defined at the abstract level, detached from the implementation, or at the system level, describing a set of executed functions
- C. Use case testing does not find defects caused by interaction of different components
- D. Each use case has preconditions which need to be met for the use case to work successfully

Answer: B

NEW QUESTION 167

- (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 172

- (Exam Topic 3)

Given the following decision tables, what is the expected result for the test case listed below?

	Rule 1	Rule 2	Rule 3	Rule 4
Condition				
< 10 kg	True	True	False	False
< £10	True	False	True	False
Action				
Must pay in cash only	True	False	True	False
Free delivery	False	False	True	True

Test Case: Purchase a Toaster weighing 9kg for £10.

- A. No need to pay in cash, no free delivery.
- B. Must pay in cash, no free delivery.
- C. No need to pay in cash, free delivery.
- D. Must pay in cash, free delivery.

Answer: A

NEW QUESTION 173

- (Exam Topic 3)

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

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

Answer: C

NEW QUESTION 177

- (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 178

- (Exam Topic 3)

Which of the following is by definition a reactive test approach?

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

Answer: C

NEW QUESTION 182

- (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 185

- (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 system
- E. Test techniques help reduce the number of tests.

Answer: D

NEW QUESTION 190

- (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 193

- (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 195

- (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,IV
- G. I
- H. II
- I. IV
- J. I, II
- K. V
- L. II, II
- M. V

Answer: A

NEW QUESTION 200

- (Exam Topic 3)

Consider the following code `int premium=2500;`

`if (age<30)`

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

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

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

Answer: A

NEW QUESTION 204

- (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 205

- (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 209

- (Exam Topic 3)

Which of the following statements describes regression testing?

- A. Retesting of a fixed defectII Testing of an already tested programII
- B. Testing of new functionality in a programI
- C. Regression testing applies only to functional testingV Tests that do not have to be repeatable
- D. because they are only used once
- E. II
- F. I
- G. IV, V
- H. I.IV
- I. I, III, IV

Answer: A

NEW QUESTION 212

- (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 214

- (Exam Topic 3)

Which type of software development product can undergo static testing?

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

Answer: C

NEW QUESTION 216

- (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 217

- (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 218

- (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 219

- (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 223

- (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 228

- (Exam Topic 3)

Which of the following statements is true?

- A. 100% branch coverage means 100% statement coverage.
- B. 100% statement coverage means 100% branch coverage.
- C. 100% branch coverage means 100% statement coverage and vice-versa.
- D. It is impossible to achieve 100% statement coverage

Answer: C

NEW QUESTION 231

- (Exam Topic 3)

Which of the following is a typical characteristic of the WALKTHROUGH review type?

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

Answer: A

NEW QUESTION 233

- (Exam Topic 3)

Which of the following test types are non-functional tests?

- I) Acceptance test
- II) Regression test
- III) Stress test
- IV) Component test
- V) Reliability test

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

Answer: B

NEW QUESTION 237

- (Exam Topic 3)

Which of the following defects-can NOT be found by static analysis tools?

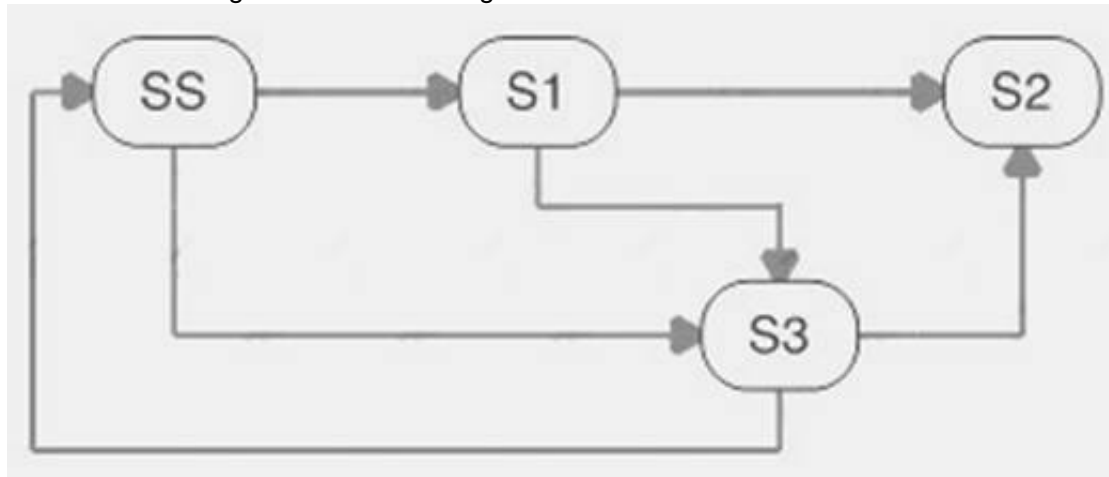
- A. Infinite loops
- B. Wrong business rules
- C. Syntax errors of the code
- D. Undefined variables

Answer: B

NEW QUESTION 240

- (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 244

- (Exam Topic 3)

A system requirement states that up to 100 users should be able to carry out a transaction, with responses returned within 5 seconds.

What type of non-functional testing would you carry out to verify these requirements?

- A. Stress testing
- B. Maintenance testing
- C. Load testing
- D. Usability testing

Answer: A

NEW QUESTION 248

- (Exam Topic 3)

State	Events				
	A	B	C	D	E
S1	S2			S1	
S2		S3			
S3		S4	S2		
S4					S4

In the above State Table, which of the following represents an invalid transition?

- A. Event C from S3
- B. Event E from S4
- C. Event B from S2
- D. Event D from S4

Answer: C

NEW QUESTION 251

- (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 256

- (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 258

- (Exam Topic 3)

Consider the following pseudo-code

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

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

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

Answer: C

NEW QUESTION 261

- (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 264

- (Exam Topic 3)

Which of the following BEST describes checklist-based testing?

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

Answer: B

NEW QUESTION 265

- (Exam Topic 3)

Which of the following statements about static analysis are FALSE?

- A. Static analysis can be used instead of dynamic testing.II Static analysis can uncover defects like security vulnerabilities.II
- B. Static analysis can be used to check conformance to specifications and standards.I
- C. Static analysis typically detects failures prior to component testing.
- D. I
- E. III
- F. IV
- G. II
- H. II
- I. IV

Answer: C

NEW QUESTION 267

- (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 268

- (Exam Topic 3)

Which of the following options describe the causal chain in the correct sequence?

- A. Error, fault, failure
- B. Fault, bug, mistake
- C. Mistake, failure, fault
- D. Failure, bug, error

Answer: A

NEW QUESTION 269

- (Exam Topic 3)

Which of the following is a key characteristic of informal reviews?

- A. Metrics analysis
- B. Kick-off meeting
- C. Individual preparation
- D. Low cost

Answer: B

NEW QUESTION 270

- (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 273

- (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 278

- (Exam Topic 3)

One of the exit criteria for a SW project was defined as "80% statement coverage". A test manager submitted the following report: "We did not measure the statement coverage. However, we ensured 80% branch coverage, therefore the exit criteria was met".

Is the test manager right?

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

Answer: D

NEW QUESTION 280

- (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 283

- (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 287

- (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 289

- (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 290

- (Exam Topic 3)

Which activity in the fundamental test process includes test script generation?

- A. Test closure activities
- B. Test analysis and design
- C. Test planning and control
- D. Test implementation and execution

Answer: C

NEW QUESTION 294

- (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 298

- (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 301

- (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 304

- (Exam Topic 3)

Which of the following are the phases of the ISTQB fundamental test process?

- A. Test plannin
- B. Test analysis and desig
- C. Test implementation and control, Checking test coverage and reportin
- D. Test closure activities
- E. Test planning and contro
- F. Test specification and desig
- G. Test implementation and executio
- H. Evaluating test coverage and reportin
- I. Retesting and regression testing, Test closure activities
- J. Test planning and contro
- K. Test analysis and design, Test implementation and execution, Evaluating exit criteria and reporting, Test closure activities
- L. Test planning, Test specification and design, Test implementation and execution, Evaluating exit criteria and reporting, Retesting and test closure activities

Answer: D

NEW QUESTION 307

- (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 310

- (Exam Topic 3)

Which of the following statements correctly describes traceability?

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

Answer: D

NEW QUESTION 311

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 312

- (Exam Topic 3)

Which of the following statements contradicts the general principles of testing?

- A. If new defects are to be found, we should run the same test set more often
- B. How testing is done, is based on the situation in a particular project.
- C. Testing is better if it starts at the beginning of a project
- D. Most defects are found in a small subset of a system's modules

Answer: A

NEW QUESTION 313

- (Exam Topic 3)

Which of the following statements about test execution effort is true?

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

Answer: D

NEW QUESTION 315

- (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 320

- (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 322

- (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 326

- (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 330

- (Exam Topic 3)

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

Test Case 2: View selected item in My Flights

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

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

Test Case 6: In My Flights, confirm details and book flight
Which of the following is the correct logical order for the test cases?

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

Answer: D

NEW QUESTION 333

- (Exam Topic 3)

Which one of the following statements about testing techniques is TRUE?

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

Answer: A

NEW QUESTION 337

- (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 340

- (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 343

- (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 346

- (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 348

- (Exam Topic 3)

For a mandatory input field 'ZIP code' the following rules are given:

1 - The valid ZIP code format is 5 numeric digits

2 - The code has to exist in the post office's official ZIP code list

Using equivalence classes partitioning, how many test cases are required to test this field?

- A. 6
- B. 4
- C. 8
- D. 3

Answer: A

NEW QUESTION 352

- (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 354

- (Exam Topic 3)

A system is being enhanced to simplify screen navigation for users. Which of the following does NOT reflect structural testing?

- A. To test all paths that users could take through the screen menu system
- B. To ensure that 100% decision testing is achieved for each system component
- C. To test all branches of component calls within the application call graph
- D. To ensure that users can navigate to all fields on the screen

Answer: C

NEW QUESTION 356

- (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 360

- (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 364

- (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 366

- (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 367

- (Exam Topic 3)

Which statement about use case testing is true?

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

Answer: B

NEW QUESTION 372

- (Exam Topic 3)

Your agile project has scheduled a final sprint before release to fix and re-test all open defects with a priority level of 3 or above.

The following defect report shows the defect fields that are currently being captured on the system. Title: Unable to add excursions to pre-paid cruises

Date raised: 21/05/18 Author: Emma Rigby Status: Fixed

What occurred: I went to book an excursion for a pre-paid cruise but received an error message saying, 'Facility not available'. I can book excursions on cruises that have not yet been fully paid.

What should have occurred: Requirement 3.12 says clearly that customers can add excursions after cruises have been fully paid so the facility should have been available (when an additional amount may now need to be paid).

Priority: 2

Software build: 2.1 Test level: System test

Environment details: System test 3

Which of ONE of the following additional defect report fields would be MOST beneficial for the sprint team to add?

- A. Severity.
- B. Test Script Id.
- C. Actual results.
- D. Expected results.

Answer: A

NEW QUESTION 377

- (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 382

- (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 386

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