

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)

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

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

Answer: A

NEW QUESTION 3

- (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 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 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 7

- (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 8

- (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 9

- (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 10

- (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 10

- (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 13

- (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 14

- (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 15

- (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 16

- (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 19

- (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 20

- (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 22

- (Exam Topic 1)

Which of the following is NOT an example of a common test metric?

- A. Percentage of work done in test environment creation
- B. Average number of expected defects per requirement
- C. Number of test cases run
- D. Deviation from test milestone dates

Answer: D

NEW QUESTION 24

- (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 29

- (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 34

- (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 37

- (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 42

- (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 46

- (Exam Topic 2)

Component testing may include:

- A. Sociability testing.
- B. User acceptance testing.
- C. Beta testing.
- D. The use of stubs and drivers.

Answer: D

NEW QUESTION 48

- (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 53

- (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 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

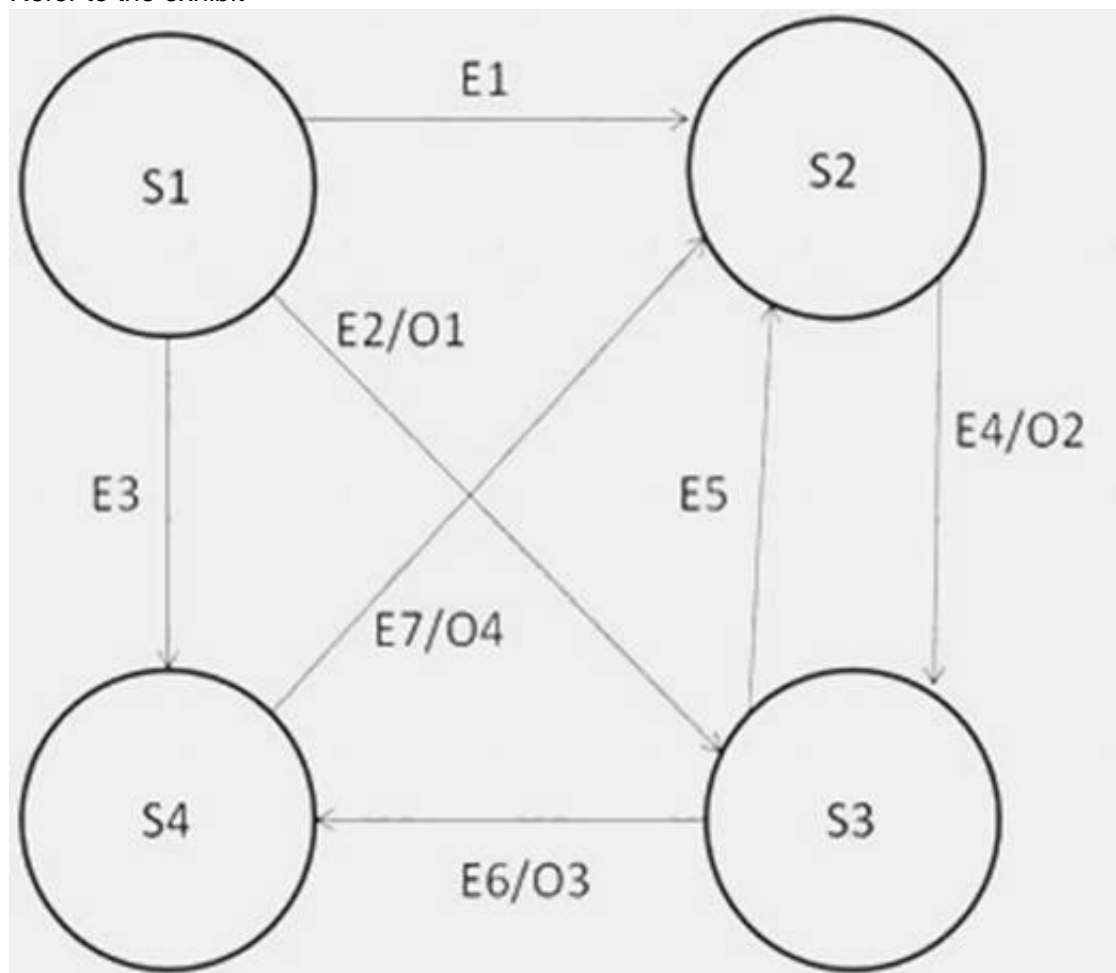
Answer: B

NEW QUESTION 58

- (Exam Topic 2)

A test case starts at S1 and triggers 4 events in sequence: E1, E4, E5, E7. What will be the finishing state and the output(s) from the test case? [K3]

Refer to the exhibit



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

Answer: D

NEW QUESTION 61

- (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 63

- (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 65

- (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 70

- (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 71

- (Exam Topic 2)

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

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

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

Answer: C

NEW QUESTION 73

- (Exam Topic 2)

What are metrics NOT used for?

- A. To identify the percentage of work done in test environment preparation.
- B. To identify the percentage of work done in test case preparation.
- C. To apply to the RAD development model.
- D. To measure whether dates of test milestones were met.

Answer: C

NEW QUESTION 78

- (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 80

- (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 81

- (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 83

- (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 84

- (Exam Topic 2)

Which of the following is a white box testing design characteristic?

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

Answer: C

NEW QUESTION 88

- (Exam Topic 2)

Which statement BEST describes when test planning should be performed? [K1]

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

Answer: D

NEW QUESTION 92

- (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 97

- (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 99

- (Exam Topic 2)

Which of the following processes ensures that all items of testware are identified, version controlled, tracked for changes, so that traceability can be maintained throughout the test process?

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

Answer: D

NEW QUESTION 103

- (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 105

- (Exam Topic 2)

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

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

Answer: D

NEW QUESTION 106

- (Exam Topic 2)

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

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

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

- . Reproducible
- . Yes
- . Description
- . Script end 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 107

- (Exam Topic 2)

Which of the following accurately defines the integration testing test level? [K2]

- A. Test basis includes software and system design, test objects include interfaces, and tests concentrate on the interactions between different parts of a system
- B. Test basis includes component requirements, test objects include database modules, and tests concentrate on the behaviour of the system as a whole.
- C. Test basis includes business processes, test objects include system configuration and configuration data, and tests concentrate on establishing confidence in the system
- D. Test basis includes use cases, test objects include user procedures and tests concentrate on a high level model of system behaviour

Answer: A

NEW QUESTION 109

- (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 114

- (Exam Topic 2)

Which of the following are 'Exit Criteria'?

- A. Acceptance criteria, completion criteria, pass/fail criteria.
- B. Coverage of code, schedule, estimates of defect density.
- C. The last executable statement within a component.
- D. Cost overruns.

Answer: B

NEW QUESTION 116

- (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 118

- (Exam Topic 2)

Dynamic Analysis Tools are used to:

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

Answer: C

NEW QUESTION 122

- (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 125

- (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 130

- (Exam Topic 2)

Which TWO of the following test tools would be classified as test execution tools? [K2]

- A. Test data preparation tools
- B. Test harness
- C. Review tools
- D. Test comparators
- E. Configuration management tools
- F. a and b
- G. c and d
- H. c and e
- I. b and d

Answer: D

NEW QUESTION 131

- (Exam Topic 2)

The four test levels defined for a common V-model testing approach are:

- A. Unit, integration, system and maintenance.
- B. Functional, glass box, incremental and maintenance.
- C. Component, integration, system and acceptance.
- D. Unit, component, functional and alpha/beta.

Answer: C

NEW QUESTION 135

- (Exam Topic 2)

What is a test condition?

- A. A statement of test objectives and test ideas on how to test.
- B. An item or event that could be verified by one or more test cases.
- C. The process of identifying differences between the actual results and the expected results for a test.
- D. All documents from which the requirements of a component or system can be inferred.

Answer: B

NEW QUESTION 138

- (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 141

- (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 142

- (Exam Topic 2)

A data driven approach to test automation design is best described as:

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

Answer: D

NEW QUESTION 144

- (Exam Topic 3)

Debugging and Testing are key activities in the software development lifecycle. Which of the following are 'Debugging' activities?

- a) Identifying, a failure
- b) Locating the cause of failure
- c) Fixing the defect
- d) Checking the fix has resolved the failure

- A. a & d
- B. a & b
- C. b & c
- D. c & d

Answer: C

NEW QUESTION 149

- (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 152

- (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 154

- (Exam Topic 3)

Which of the following options explain why it is often beneficial to have an independent test function in an organisation?

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

Answer: D

NEW QUESTION 158

- (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 162

- (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 167

- (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 172

- (Exam Topic 3)

Which of the following is an example of Static testing?

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

Answer: A

NEW QUESTION 177

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 180

- (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 184

- (Exam Topic 3)

Which test design technique can be used for effectively testing system requirements consisting of logical conditions?

- A. Boundary value analysis
- B. Use case testing
- C. Equivalence partitioning
- D. Decision table testing

Answer: A

NEW QUESTION 188

- (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 193

- (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 198

- (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 199

- (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 203

- (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 207

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 209

- (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 211

- (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 can be a common objective of testing?

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

Answer: B

NEW QUESTION 217

- (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 218

- (Exam Topic 3)

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

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

Answer: A

NEW QUESTION 220

- (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 222

- (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 223

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 227

- (Exam Topic 3)

Which of the following approaches is/are used in Integration tests?

- A. Both functional and structural
- B. Usability
- C. Functional only
- D. Structural only

Answer: A

NEW QUESTION 231

- (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 236

- (Exam Topic 3)

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

- A. Component testing tests interfaces between modules and interactions of different parts of a system.
- B. Component testing occurs with access to the code being tested and with the support of a development environment, such as a unit test framework or debugging tool
- C. Component testing verifies the functioning of
- D. software modules, programs, objects, classes, etc.. that are separately testable.
- E. In component testing stubs, drivers and simulators may be usefully utilized to facilitate tester activity

Answer: D

NEW QUESTION 237

- (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 241

- (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 243

- (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 247

- (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 252

- (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 257

- (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 260

- (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 263

- (Exam Topic 3)

Which of the following would NOT be a common metric used for monitoring test preparation and execution?

- A. Number of Test cases passed and failed
- B. Percentage of planned test cases designed
- C. Number of test plan review comments
- D. Percentage of tasks complete in test environment preparation

Answer: B

NEW QUESTION 268

- (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 273

- (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 277

- (Exam Topic 3)

What of the following statements regarding walkthrough are NOT true?

- A. A walkthrough is lead by a moderator and requires pre-meeting preparation and post meeting follow up
- B. A walkthrough may take the form of scenarios, dry runs and peer group review
- C. The purpose of a walkthrough is to establish common understanding of a document and to find possible defects in it
- D. Pre-meeting preparation, documentation and distribution of results are optional for a walkthrough

Answer: A

NEW QUESTION 281

- (Exam Topic 3)

Why is measurement of code coverage Important?

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

Answer: A

NEW QUESTION 286

- (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 288

- (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 290

- (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 292

- (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 293

- (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

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 298

- (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 303

- (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 307

- (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 310

- (Exam Topic 3)

A calculator software is used to calculate the result for 5+6. The user noticed that the result given is 6.

This is an example of:

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

Answer: A

NEW QUESTION 315

- (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 319

- (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 321

- (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 326

- (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 331

- (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 332

- (Exam Topic 3)

What is integration testing?

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

Answer: D

NEW QUESTION 335

- (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 339

- (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 342

- (Exam Topic 3)

Which of the following would be LEAST appropriate as part of an incident report covering the observation of a failure during testing?

- A. The expected result for the list friends response time was less than 10 seconds, whereas the average response time obtained was 13 seconds.
- B. The user interface was complicated and confusing and I found it quite difficult to follow the test script.
- C. The updates made as part of the add new member' function did not reflect the expected change as the name was written into the address field.
- D. SQL injection into the username entry field allowed a variety of SQL commands to be executed by the application without the appropriate authority

Answer: A

NEW QUESTION 343

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 346

- (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 349

- (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 353

- (Exam Topic 3)

A company purchased a new system which deals with all financial transactions in the company Which test types call for involvement of an expert from the financial department?

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

Answer: D

NEW QUESTION 358

- (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 363

- (Exam Topic 3)

Your company is developing a system with complex business rules and many branches in the structure of its code components. You need to choose one black box technique and one white box technique for test case design.

Which one of the following offers the BEST choice?

- A. Statement testing and exploratory testing
- B. Decision testing and equivalence partitioning

- C. Decision testing and decision table testing
- D. Boundary value analysis and decision table testing

Answer: D

NEW QUESTION 368

- (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 370

- (Exam Topic 3)

How are statement testing and decision testing techniques similar?

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

Answer: D

NEW QUESTION 371

- (Exam Topic 3)

What is the order in which the specifications for test cases, test conditions and test procedures are developed as a part of the test development process?

- A. Test Procedure --> Test Condition -> Test Case
- B. Test Condition --> Test Case --> Test Procedure
- C. Test Procedure -> Test Case -> Test Condition
- D. Test Condition --> Test Procedure --> Test Case

Answer: A

NEW QUESTION 374

- (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 376

- (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 378

- (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 381

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