

Exam Questions CTFL_Syll2018

ISTQB Certified Tester Foundation Level (Syllabus 2018)

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NEW QUESTION 1

- (Exam Topic 1)

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

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

Answer: A

NEW QUESTION 2

- (Exam Topic 1)

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 3

- (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 4

- (Exam Topic 1)

Which of the following statements about decision tables are TRUE?

- A. Generally, decision tables are generated for low risk test items.I
- B. Test cases derived from decision tables can be used for component tests.II
- C. Several test cases can be selected for each column of the decision table.I
- D. The conditions in the decision table represent negative tests generally.
- E. I, III
- F. II, III
- G. II, IV
- H. I, IV

Answer: C

NEW QUESTION 5

- (Exam Topic 1)

Which of the following is an appropriate reason for maintenance testing?

- A. Bugs found in the field after upgrading the operation system
- B. Bugs found during system testing
- C. Bugs found during unit testing
- D. Bugs found during integration testing

Answer: A

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)

Out of the following, what is not needed to specify in defect report?

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

Answer: A

NEW QUESTION 10

- (Exam Topic 1)

The following incident report that was generated during test of a web application What would you suggest as the most important report improvement?

Defect detected date: 15.8.2010 Defect detected by: Joe Smith Test level System test

Test case Area 5/TC 98 Build version: 2011-16.2

Defect description After having filled out all required fields in screen 1,1 click ENTER to continue to screen 2. Nothing happens, no system response at all.

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

Answer: A

NEW QUESTION 10

- (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 13

- (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 17

- (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 19

- (Exam Topic 1)

What does the term Pesticide paradox' refer to?

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

Answer: C

NEW QUESTION 20

- (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 22

- (Exam Topic 1)

Which of the following statements is true?

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

Answer: A

NEW QUESTION 25

- (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 28

- (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 33

- (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 38

- (Exam Topic 2)

How does software testing contribute to the quality of delivered software? [K2]

- A. By detecting and removing all the defects in the delivered code and ensuring that all tests adhere to the quality standards set for the project
- B. By measuring reliability of the software and ensuring that it is always above 99.99%
- C. By identifying root causes of defects from past projects and using the lessons learned to improve processes and thus help to reduce the defect count
- D. By detecting all deviations from coding good practice and ensuring that these are corrected

Answer: C

NEW QUESTION 39

- (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 44

- (Exam Topic 2)

From the following list, which of the following apply to experience-based techniques? [K2]

- A. Test cases are derived from a model of the problem to be solved or the software
- B. Test cases are derived from the knowledge of the testers
- C. The knowledge of testers, developers and users is used to drive testing
- D. The internal structure of the code is used to derive test cases
- E. a and b.
- F. c and d.
- G. a and d.
- H. b and c.

Answer: D

NEW QUESTION 46

- (Exam Topic 2)

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

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

Answer: B

NEW QUESTION 50

- (Exam Topic 2)

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

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

Answer: C

NEW QUESTION 52

- (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 54

- (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 58

- (Exam Topic 2)

Which of the following BEST describes the relationship between test planning and test execution? [K2]

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

Answer: A

NEW QUESTION 60

- (Exam Topic 2)

Consider the following pseudo code

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

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

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

Answer: B

NEW QUESTION 65

- (Exam Topic 2)

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 68

- (Exam Topic 2)

Which of the following test organizations has the highest level of independence?

- A. Independent testers within the development teams
- B. Independent testers from the user community
- C. Independent test specialists for specific test types, such as usability, performance or certification test specialists
- D. Code tested by another developer from the development team

Answer: C

NEW QUESTION 70

- (Exam Topic 2)

Which of the following correctly states a limitation in the use of static analysis tools? [K1]

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

Answer: B

NEW QUESTION 71

- (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 75

- (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 76

- (Exam Topic 2)

What other details should be included in the following incident report when it is first submitted?

Date of Issue: 23/11/05

Severity: P1 Build: Version15.6

Details: Expected field to be limited to 15 chars, able to enter 27

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

Answer: B

NEW QUESTION 80

- (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 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 85

- (Exam Topic 2)

Which of the following characteristics is most likely to promote effective software testing? [K1]

- A. Independence from the production process
- B. A belief that programmers always make mistakes
- C. Knowledge of the number of defects typically found in a program
- D. Confidence that the next stage will find defects missed at this stage

Answer: A

NEW QUESTION 88

- (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 93

- (Exam Topic 2)

System testing is:

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

Answer: C

NEW QUESTION 95

- (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 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 97

- (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 entry on 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 occur
- R. This does not always happen
- S. Screen shot of the failure attached.
- T. Titl
- . Screen TRN-003B validation of transaction date
- . Reproducibl
- . Yes
- . Descriptio
- . 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 99

- (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 102

- (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 106

- (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 109

- (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 114

- (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 115

- (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 116

- (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 119

- (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 124

- (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 129

- (Exam Topic 3)

During which stage of the fundamental test process is the testability of requirements evaluated?

- A. Test Execution.
- B. Test Planning.
- C. Test Design.
- D. Test Analysis.

Answer: D

NEW QUESTION 134

- (Exam Topic 3)

Consider the following Pseudo code:

```

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

```

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

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

Answer: D

NEW QUESTION 137

- (Exam Topic 3)

Tests have been specified for the latest software release and users have prioritised these.

However, there are some dependencies between tests as shown in the table below (e.g. Test ID. '123' cannot be run until Test ID. '456' has been successfully completed).

Test ID.	Description	Prioritisation	Dependency
1	List all users on screen	Low	
2	Regression test of daily processing	Medium	
3	Create an invoice	High	4
4	Change user details	Medium	1
5	Print all outstanding invoices	High	
6	Chase all outstanding invoices	Medium	5
7	Regression test of weekly processing	High	2
8	Amend invoice details	Medium	3
9	Bank reconciliation processing	Medium	3
10	Mark invoice as paid	High	9

Which test execution schedule best meets the prioritisation and dependency conditions?

- A. 3, 5, 7, 10, 2, 4, 6, 8, 9, 1.
- B. 5, 7, 4, 3, 9, 10, 1, 6, 8, 2.
- C. 6, 1, 2, 9, 4, 3, 5, 7, 8, 10.
- D. 1, 4, 3, 5, 2, 7, 9, 10, 6, 8.

Answer: D

NEW QUESTION 138

- (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 143

- (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 147

- (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 150

- (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. II is correct
- G. II and III are correct

Answer: B

NEW QUESTION 155

- (Exam Topic 3)

Which of the following statements is LEAST likely to be true of non-functional testing?

- A. It covers the evaluation of the interaction of various specified components.
- B. It tests "how" the system works.
- C. It may include testing the ease of modification of systems.
- D. It may be performed at unit, integration system and acceptance test levels.

Answer: C

NEW QUESTION 160

- (Exam Topic 3)

At what stage of the Fundamental Test Process do testers write the steps of the test procedures?

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

Answer: A

NEW QUESTION 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 169

- (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 174

- (Exam Topic 3)

Which of the following test execution outcomes are likely to increase the overall quality of the software:

- I) A test case passes
- II) A test case fails, defect gets logged which subsequently gets fixed
- III) Some tests are deferred because test environment is not available
- IV) A bug is found but there is no corresponding test case

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

Answer: C

NEW QUESTION 178

- (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 183

- (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 185

- (Exam Topic 3)

Which of the following are benefits of an independent test team, and which are drawbacks?

- a) Independent testers can find different defects.
 - b) Developers may put less emphasis on quality.
 - c) Independent testers can be seen as the reason for delayed projects.
 - d) Independent testers can verify assumptions made during the specification of a system.
-
- A. a and b are benefits, c and d are drawbacks.
 - B. b and c are benefits, a and d are drawbacks.
 - C. a and d are benefits, b and c are drawbacks.
 - D. c and d are benefits, a and b are drawbacks.

Answer: C

NEW QUESTION 186

- (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 189

- (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 191

- (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 interest
- B. Certified software tester shall always sign a NDA (Non Disclosure Agreement) in presence of customer data
- C. Certified software testers shall maintain integrity and independence in their professional judgment
- IV 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 193

- (Exam Topic 3)

Which of the following is a Black Box test design technique?

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

Answer: D

NEW QUESTION 198

- (Exam Topic 3)

Which of the following would achieve the HIGHEST level of testing independence for a project's test level?

- A. Training developers to design good tests for the test team to execute
- B. Outsourcing test design and execution to a different company
- C. Having the company's independent test team design and execute the tests
- D. Minimising contact between testers and developers during test design to avoid bias

Answer: A

NEW QUESTION 203

- (Exam Topic 3)

Your task is to compile a test execution schedule for the current release of software. The system specification states the following logical dependencies:

- An admin user must create/amend/delete a standard user.
- A standard user is necessary to perform all other actions.

The test plan requires that re-tests must be performed first, followed by the highest priority tests. To save time, the test plan states that tests should be scheduled to create test data for the subsequent tests in the schedule.

The following test cases have been designed, with an indication of priority (1 being the highest priority) and whether the test has previously failed.

Id	Description	Priority	Failed
a	Log in as standard user and create customer account	2	Y
b	Order one item	3	N
c	Create invoice for order	1	Y
d	Order two items or more	3	Y
e	Log in as admin user and create a standard user	2	N

Which test execution schedule meets the test plan requirements and logical dependencies?

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

Answer: C

NEW QUESTION 204

- (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 208

- (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 209

- (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 213

- (Exam Topic 3)

When can functional and structural testing BOTH be applied?

- A. System and Component test levels only
- B. All 'Development' test levels, i.
- C. those before Acceptance testing
- D. Component and Component integration test levels only
- E. All test levels

Answer: D

NEW QUESTION 218

- (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 219

- (Exam Topic 3)

What is a typical benefit of use case testing?

- A. Finding failures in the possible states transitions
- B. Clearer identification of system equivalence partitioning
- C. Finding of failures in the business process flows, which highlight system use in the real world
- D. Identification of bugs in the system components.

Answer: C

NEW QUESTION 221

- (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 226

- (Exam Topic 3)

Which of the following sentences about testing and debugging is correct?

- A. Re-testing checks that debugging has found and analyzed the failure
- B. Dynamic testing finds defects, while debugging removes failures
- C. Dynamic testing reveals failures, while debugging removes defects
- D. Like most development activities, debugging is usually done before testing starts

Answer: B

NEW QUESTION 228

- (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 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 234

- (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 235

- (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 238

- (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 240

- (Exam Topic 3)

Which of the following is NOT a common objective of testing?

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

Answer: A

NEW QUESTION 241

- (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 245

- (Exam Topic 3)

Which of the following is NOT a valid objective of testing?

- A. Preventing defects from being introduced into the code
- B. Investigating and fixing defects in the software under test
- C. Gaining confidence that the system is fit-for-purpose
- D. Providing information for stakeholders' decision making

Answer: D

NEW QUESTION 248

- (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 252

- (Exam Topic 3)

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

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

Answer: C

NEW QUESTION 256

- (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 259

- (Exam Topic 3)

A Test Manager conducts risk assessment for a project. One of the identified risks is: "The sub-contractor may fail to meet his commitment". If this risk materializes, it will lead to delay in completion of testing required for the current cycle.

Which of the following sentences correctly describes the risk?

- A. It is a project risk since successful completion of the project depends on successful and timely completion of the tests
- B. It is a product risk since any risk associated with development timelines is a product risk
- C. It is a product risk since default on part of the sub-contractor may lead to delay in release of the product
- D. It is no longer a risk for the Test Manager since an independent party (the sub-contractor) is now managing it

Answer: D

NEW QUESTION 264

- (Exam Topic 3)

Which of the following are product risks?

- a) Failure prone software delivered.
- b) Software does not perform its intended functions.
- c) Insufficient staff available for testing.
- d) Test environment not ready on time.
- e) Poor data integrity and quality.

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

Answer: C

NEW QUESTION 268

- (Exam Topic 3)

Agile development can be classified as which life cycle model?

- A. Agile development is not related to any life cycle model
- B. RAD
- C. V model
- D. Iterative Incremental .

Answer: D

NEW QUESTION 269

- (Exam Topic 3)

Consider the following excerpt from a test report: "We tested the module AX45T and we got only 1 failure. To recreate the failure, we used test file PR624_DR78_TCB0022.pkr, available under the PR624_DR78 repository in the CK01 server".

Which incident report objective does this excerpt satisfy?

- A. Provides developers with information to isolate the failure.
- B. Does not belong to an incident report
- C. Provides Project Managers with information on the project risks.
- D. Provides test managers with information to report test progress.

Answer: A

NEW QUESTION 273

- (Exam Topic 3)

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

Is the test manager right?

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

Answer: D

NEW QUESTION 275

- (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 279

- (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 282

- (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 283

- (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 287

- (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 288

- (Exam Topic 3)

Which of the following statements regarding incidents is NOT true?

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

Answer: C

NEW QUESTION 290

- (Exam Topic 3)

What is a defect density?

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

Answer: C

NEW QUESTION 295

- (Exam Topic 3)

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

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

Which test technique is most suitable for this situation?

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

Answer: D

NEW QUESTION 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 299

- (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 303

- (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 308

- (Exam Topic 3)

In which development life cycle model is regression testing an increasingly important activity as the project progresses?

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

Answer: C

NEW QUESTION 309

- (Exam Topic 3)

During which stage of the fundamental test process is the testability of requirements evaluated?

- A. Test Implementation and Execution
- B. Test Planning and Control
- C. Evaluating Exit Criteria and Reporting
- D. Test Analysis and Design

Answer: D

NEW QUESTION 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)

An Incident Management tool implements the following defect states Open. Assigned. Solved. Closed. Consider the following defect report:

Id: T000561

Test Object: "Warehouse Management" application Tester name : John Bishop

Date: 10th, April 2010

Test Case MRT5561 Status: OPEN Severity Serious Priority:

Problem : After inputting the Total Quantity item = 450 in the SV034 screen . the system shows an unexpected Error message = 47

Correction: Developer name: Closing date

Which of the following is a valid criticism of this report?

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

Answer: D

NEW QUESTION 315

- (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 318

- (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 322

- (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 327

- (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 332

- (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 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 338

- (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 340

- (Exam Topic 3)

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

- a) Designing tests to find failures.
- b) Locating the cause of failures.
- c) Analysing and fixing the defects.
- d) Executing tests to show failures.

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

Answer: B

NEW QUESTION 343

- (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 344

- (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 347

- (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 351

- (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 355

- (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 360

- (Exam Topic 3)

Software was found to take much more time than the stated requirement of less than one second to save a file. Upon investigation it was found that there was an unnecessary check inside a loop which was slowing down the file-save operation. The software not being able to meet the desired response time is an example of

- A. Failure
- B. Defect
- C. Error
- D. It is not a defect

Answer: A

NEW QUESTION 362

- (Exam Topic 3)

	Rule 1	Rule 2	Rule 3	Rule 4	Rule 5	Rule 6	Rule 7
Conditions							
Full Member	Y	N	N	N	N	N	N
Loyalty Card holder	Don't care	Y	Y	Y	Y	N	N
18 Holes	Don't care	Y	Y	N	N	Y	N
9 Holes	Don't care	N	N	Y	Y	N	Y
Buggy/Cart Request	Don't care	N	Y	N	Y	Don't care	Don't care
Actions							
No charge on Green Fees	Y	N	N	N	N	N	N
£12 Green Fees	N	N	N	Y	Y	N	N
£16 Green Fees	N	N	N	N	N	N	Y
£18 Green Fees	N	Y	Y	N	N	N	N
£22 Green Fees	N	N	N	N	N	Y	N
Buggy/Cart allowed	Y	Y	Y	Y	Y	N	N
Buggy/Cart Free	Y	N	N	N	N	N	N
Buggy/Cart £5	N	N	Y	N	Y	N	N

The decision table above reflects a golf club's pricing structure for green fees and buggy/cart hire. What is the expected result (actions) for each of the following two test cases (TC1 and TC2)?

- * TC 1 - Paul is not a full member, is a Loyalty Card holder and requests to play 18 holes with a buggy/cart
- * TC 2 - Cheryl is not at full member, doesn't have a Loyalty Card and requests to play 9 holes with a buggy/cart

- A. TC1 - £23 total charges including buggy hire; TC2 - £21 total charge including buggy hire
- B. TC1 - £18 total charges including buggy hire; TC2 - £16 total charge but no buggy allowed
- C. TC1 - £23 total charges including buggy hire; TC2 - £16 total charge but no buggy allowed
- D. TC1 - £17 total charges but no buggy allowed; TC2 - £21 total charge including buggy hire

Answer: D

NEW QUESTION 367

- (Exam Topic 3)

After a record of poor quality software releases (incorrect menu selection options, new features that do not work, users allowed to change security levels without administrator rights), you have been asked to review the test capability in your company.

You have limited time to do the review before the next project, which type of testing would be MOST appropriate to review first?

- A. Functional testing.
- B. Non-functional testing.
- C. Performance testing.
- D. Structural testing.

Answer: D

NEW QUESTION 370

- (Exam Topic 3)

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

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

Answer: D

NEW QUESTION 375

- (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 376

- (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)

Which of the following is a key difference between black box and white box test design techniques?

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

Answer: C

NEW QUESTION 380

- (Exam Topic 3)

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

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

Answer: B

NEW QUESTION 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 384

- (Exam Topic 3)

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

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

Answer: C

NEW QUESTION 387

- (Exam Topic 3)

A program got 100% decision coverage in a test. Which of the following statements is then guaranteed to be true?

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

Answer: D

NEW QUESTION 389

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