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NEW QUESTION: 1

Which of the following is correct?

Debugging is:

- A. Testing/checking whether the software performs correctly.
- B. Checking that a previously reported defect has been corrected.
- C. Identifying the cause of a defect, repairing the code and checking the fix is correct.
- D. Checking that no unintended consequences have occurred as a result of a fix.

Answer: C (LEAVE A REPLY)

- A. Is a brief definition of testing.
- B. Is retesting.
- D. Is regression testing.

NEW QUESTION: 2

As part of the improvement program, the organization is also looking at tool support.

Which type of tool could be used to ensure higher quality of the code to be reviewed? 1 credit

- A. Review tool
- B. Test execution tool
- C. Static analysis tool
- D. Test design tool

Answer: C (LEAVE A REPLY)

Topic 1, Scenario 1 "Medical Domain"

You are working as a test manager in the medical domain leading a team of system testers.

You are currently working on a major release of the product which gives customers many new features and resolves a number of problem reports from previous releases.

NEW QUESTION: 3

In a review meeting a moderator is a person who:

- A. Takes telephone calls
- B. Takes minutes of the meeting
- C. Mediates between people
- D. Writes the documents to be reviewed

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 4

Security falls under..?

- A. verifying compliance to rules
- B. ease of operations
- C. functional testing
- D. compliance testing
- E. disaster testing

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 5

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 6

During which test activity could faults be found most cost effectively?

- A. Design
- B. Execution
- C. Planning
- D. Check Exit criteria completion

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 7

A system is designed to accept values of examination marks as follows:

Fail: 0-39 inclusive

Pass: 40-59 inclusive

Merit: 60-79 inclusive

Distinction: 80-100 inclusive

In which of the following sets of values are all values in different equivalence partitions?

- A. 25, 39, 60, 81
- B. 25, 40, 60, 75
- C. 0, 45, 79, 87
- D. 35, 40, 59, 69

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 8

IEEE 1028 also defines "management review" as a type of review. What is the main purpose of a management review? 1 credit

- A. Provide independent evaluation of compliance to processes, regulations, standards etc.
- B. Align technical concepts during the design phase
- C. Establish a common understanding of requirements
- D. To monitor progress, assess the status of a project, and make decisions about future actions

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

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

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 10

The cost of fixing a fault:

- A. Increases as we move the product towards live use
- B. Decreases as we move the product towards live use
- C. Is not important
- D. Can never be determined
- E. Is more expensive if found in requirements than functional design

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 11

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

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 12

Which of the following is not true of regression testing?

- A. It can be carried out at each stage of the life cycle.
- B. It serves to demonstrate that the changed software works as intended.
- C. It serves to demonstrate that software has not been unintentionally changed.
- D. It is often automated.

Answer: B ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

This is a definition of confirmation testing. The other three options are true of regression testing.

NEW QUESTION: 13

Pick the best definition of quality:

- A. Zero defects
- B. Work as designed
- C. Quality is job one
- D. Conformance to requirements

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 14

What is static analysis?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

Which of the following phases in the fundamental test process is considered to deliver a document which can be used as a major input for test process improvement?

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

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Testlet 1

A software house is concerned about the number of defects found in software released to its customers.

They are starting to plan a new software product. In the past, releases have often been stopped due to poor planning and too many defects found during high level testing. You have been recruited to the newly created position of test manager and asked to develop a test strategy, manage the testing of the project and organize the resources needed to carry out the testing.

NEW QUESTION: 16

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

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 17

The decision table above shows a company's fuel expenses structure.

Which of the following Test Cases based on the decision table are Valid?

Test Case 1:

An employee who is not a car or motorcycle driver attempts to claim fuel expenses.

Expected result: Expense claim not allowed.

Test Case 2:

An employee who drives a 1700cc diesel car attempts to claim fuel expenses.

Expected result:

Expense claim accepted at band C.

Test Case 3:

An employee who rides a motorcycle attempts to claim fuel expenses. Expected result:

Expense claim accepted at band A.

A. Test Cases 2 and 3 are Valid, Test Case 1 is Invalid

B. Test Cases 1, 2 and 3 are all Valid.

C. Test Cases 1 and 3 are Valid, Test Case 2 is Invalid.

D. Test Cases 2 is Valid, Test Cases 1 and 3 are Invalid

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 18

A software component has the code shown below:

```
Program BiggestA, Biggest: Integer  
Begin  
Read A  
Biggest = 10  
While A > 0  
Do  
If A > Biggest  
Then  
Biggest = A  
Endif  
Read A  
Enddo  
End
```

The component has exit criteria for component testing that include 100% statement coverage. Which of the following test cases will satisfy this criterion?

A. 10, 11, 0

B. 0

C. 10, 0

D. 10, 5, 0

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 19

Which of the following is MOST important in the selection of a test approach?

A. The budget allowed for training in proposed techniques.

B. The willingness of the test team to learn new techniques.

C. Available skills and experience in the proposed techniques.

D. Availability of tools to support the proposed techniques.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 20

As part of the test strategy, entry and exit criteria will be defined for each test level. Which is NOT a valid reason for using entry and exit criteria? 1 credit

A. Entry and exit criteria are a principal way for getting adequate resources.

B. The expectation is that development testing is not adequate.

C. Exit criteria are used to decide on when to stop testing.

D. Using entry and exit criteria will prevent software that is not or poorly tested from going to the next test level.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 21

Which of the main activities of the fundamental test process does the task 'verify the test environment set up is correct' relate to?

- A. Analysis and design
- B. Evaluating exit criteria and reporting
- C. Planning and control
- D. Implementation and execution

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 22

Regarding the process described above, what is the most important recommendation you would make using IEEE 1044 as a guide? 2 credits

- A. No priority or severity assigned
- B. Incident numbering is manual rather than automated
- C. No mentioning of reproduceability
- D. No classification on type of incident

Answer: A ([LEAVE A REPLY](#))

Topic 20, Scenario 12 "Automatic Teller Machine (ATM)"

You are a test manager in charge of integration, system and acceptance testing for a bank. You are working on a project to upgrade an existing ATM to allow customers to obtain cash advances from supported credit cards. The system should allow cash advances from E20 to E500, inclusively, for all supported credit cards. The supported credit cards are American Express, VISA, Eurocard and Mastercard.

In the master test plan the following items are listed in the section named "items and/or features to be tested":

- I All supported credit cards
- II Language localization
- II Valid and invalid advances
- IV Usability
- V Response time

NEW QUESTION: 23

Given the Following program IF X <=> Z THEN Statement 2;ENDMcCabe's Cyclomatic Complexity is :

- A. 4
- B. 5
- C. 2
- D. 3

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 24

Which of the following types of test tool are most likely to include traceability functions?

(i)

Performance testing tool

(ii)

Requirements management tool

(iii) Configuration management tool

(iv)

Static analysis tool

A. (i) and (ii)

B. (i) and (iv)

C. (ii) and (iii)

D. (iii) and (iv)

Answer: C (LEAVE A REPLY)

Requirements management tools (ii) have traceability because they enable test conditions and subsequently test scripts and defects to be traced back to requirements. Configuration management tools (iii) also need to trace the appropriate version of a test script to the release or version of a system or module.

Performance monitoring tools (i) and static analysis tools (iv) are designed for specific objectives. Neither of these tools particularly need traceability functions.

NEW QUESTION: 25

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, iii, iv

B. ii, iii

C. i, ii, iii, v

D. i, ii, iii

Answer: (SHOW ANSWER)

NEW QUESTION: 26

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 O4

C. S2 and O2

D. S4 and O2

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

Which of the following pairs of test tools are likely to be most useful during the test analysis and design stage of the fundamental test process?

(i)

Test execution tool

(ii)

Test data preparation tool

(iii) Test management tool

(iv)

Requirements management tool

A. (ii) and (iii)

B. (iii) and (iv)

C. (i) and (iv)

D. (i) and (ii)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 28

Incidents would not be raised against

A. Documentation

B. Test cases

C. Requirements

D. Improvements suggested by users

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 29

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 decision table testing

C. Boundary value analysis and decision table testing

D. Decision testing and equivalence partitioning

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 30

When is testing complete?

A. When time and budget are exhausted.

B. When there is enough information for sponsors to make an informed decision about release.

C. When there are no remaining high priority defects outstanding.

D. When every data combination has been exercised successfully.

Answer: ([SHOW ANSWER](#))

Sometimes time/money does signify the end of testing, but it is really complete when everything that was set out in advance has been achieved.

NEW QUESTION: 31

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** ([LEAVE A REPLY](#))

Topic 23, Mix Questions Set C

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NEW QUESTION: 32

Which of the following factors will MOST affect the testing effort required to test a software product? [K1]

A. The requirements for reliability and security in the product

B. The level of detail in the test plan

C. The test estimation method used

D. The number of staff available to execute tests

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 33

Which of the test cases below will exercise both outcomes from decision 2? [K3] Refer to the exhibit

A. P = 36, Q = 36, P=37, Q=35

- B. P = 24, Q = 20, P=24, Q=25
- C. P = 42, Q = 43, P=42, Q=42
- D. P = 37, Q = 36, P=35, Q=36

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 34

In addition to introducing the new team member, you have decided to raise motivation. Which of the measures listed below would be the best measure to take in order to increase the motivation of the team?

- A. Provide more time for testing in the schedule
- B. Allow people to take some time off
- C. Introduce entry criteria to the testing phase
- D. Organize a meeting with senior management in which they address the importance of good testing for this project

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Scenario 7 "Test Estimation"

Testlet 1

You have been contracted to manage the acceptance testing of a new computer-based reservation system for a travel agency. You have provided an approximate budget estimate for the testing project based on previous experience with similar sized projects. However, the management of the parent company of the travel agency will not commit to the budget until detailed cost estimates are provided.

The reservation system is being developed by a third party. However, detailed specifications of the software are available, as well as an estimate of the total effort that will be spent in developing the software. The software is to be delivered in four increments, and the functionality to be delivered in each increment has already been agreed on.

NEW QUESTION: 35

As part of the test strategy, entry and exit criteria will be defined for each test level. Which is NOT a valid reason for using entry and exit criteria? 1 credit

- A. Exit criteria are used to decide on when to stop testing.
- B. The expectation is that development testing is not adequate.
- C. Using entry and exit criteria will prevent software that is not or poorly tested from going to the next test level.
- D. Entry and exit criteria are a principal way for getting adequate resources.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 36

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 ([LEAVE A REPLY](#))

NEW QUESTION: 37

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. Provide support for the test team using the tool
- C. Assessment of organisational maturity, strengths and weaknesses
- D. Determine whether benefits will be achieved at reasonable cost

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 38

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

Refer to the exhibit

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

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

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

D. a and b

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 40

Which of the following is a benefit of test independence?

- A. Testers are better at finding defects than developers.
- B. It avoids author bias in defining effective tests.
- C. It does not require familiarity with the code.
- D. It is cheaper than using developers to test their own code.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 41

When can functional and structural testing BOTH be applied?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

Which of the following is true of iterative development?

- A. It uses fully defined specifications from the start.
- B. It involves the users in the testing throughout.
- C. Changes to the system do not need to be formally recorded.
- D. It is not suitable for developing websites.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 43

A washing machine has three temperature bands for different kinds of fabrics: fragile fabrics are washed at temperatures between 15 and 30 degrees Celsius; normal fabrics are washed at temperatures between 31 and 60 degrees Celsius; heavily soiled and tough fabrics are washed at temperatures between 61 and 100 degrees Celsius.

Which of the following contains only values that are in different equivalence partitions?

- A. 15, 30, 60
- B. 20, 35, 60
- C. 25, 45, 75
- D. 12, 35, 55

Answer: C ([LEAVE A REPLY](#))

Answer (A) includes two values from the lower partition, answer (B) contains two values from the second partition, answer (D) contains one value that is invalid (out of range).

NEW QUESTION: 44

The test improvement project will take place in an organization developing a safety-critical avionics application. Which one of the following standards do you believe would be most appropriate to take into account for compliance during your assignment? 1 credit

- A. ISO 9126
- B. IEEE 829
- C. BS 7925/2
- D. DO-178B

Answer: D (LEAVE A REPLY)

Topic 14, Scenario 8, V2 "Test Process Improvement"

You have raised the issue that improving the testing process is also dependent on the status of the software development process.

NEW QUESTION: 45

What factors should be considered to determine whether enough testing has been performed?

- (i) The exit criteria.
- (ii) The budget.
- (iii) How big the test team is.
- (iv) The product's risk profile.
- (v) How good the testing tools are.
- (vi) Sufficient details of the system status to allow decisions

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 46

As part of the test strategy, entry and exit criteria will be defined for each test level. Which is NOT a valid reason for using entry and exit criteria?

- A. The expectation is that development testing is not adequate.
- B. Exit criteria are used to decide on when to stop testing.
- C. Using entry and exit criteria will prevent software that is not or poorly tested from going to the next test level.
- D. Entry and exit criteria are a principal way for getting adequate resources.

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 47

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

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 48

Identify the THREE types of formal peer reviews that can be recognized. 1 credit

- A. Assessment
- B. Inspection
- C. Technical review
- D. Audit
- E. Walkthrough
- F. Informal review
- G. Management review

Answer: B,C,E ([LEAVE A REPLY](#))

NEW QUESTION: 49

What is important to do when working with software development models?

- A. To only change the organization to fit the model and not vice versa.
- B. To choose the waterfall model because it is the first and best proven model.
- C. To start with the V-model and then move to either iterative or incremental models.
- D. To adapt the models to the context of project and product characteristics.

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 50

Which TWO of the review types below are the BEST fitted (most adequate) options to choose for reviewing safety critical components in a software project? Select 2 options.

- A. Technical Review
- B. Inspection.

- C. Walkthrough
- D. Informal review.
- E. Management review.

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 51

A washing machine has three temperature bands for different kinds of fabrics: fragile fabrics are washed at temperatures between 15 and 30 degrees Celsius; normal fabrics are washed at temperatures between 31 and 60 degrees Celsius; heavily soiled and tough fabrics are washed at temperatures between 61 and 100 degrees Celsius.

Which of the following contains only values that are in different equivalence partitions?

- A. 15, 30, 60
- B. 20, 35, 60
- C. 25, 45, 75
- D. 12, 35, 55

Answer: C ([LEAVE A REPLY](#))

Answer (A) includes two values from the lower partition, answer (B) contains two values from the second partition, answer (D) contains one value that is invalid (out of range).

NEW QUESTION: 52

You have been given responsibility for the non-functional testing of a safety-critical monitoring & diagnostics package in the medical area. Which of the following would you least expect to see addressed in the test plan? 1 credit

- A. Portability
- B. Safety
- C. Reliability
- D. Availability

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 53

Which of the following would you least expect to form part of the analysis of initial tool costs?

- A. Evaluation of suitable tools
- B. Integration with other tools
- C. Tool portability
- D. Learning time required to use the new tool

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 54

Code Coverage is used as a measure of what?

- A. Trends analysis

- B. Defects
- C. Test Effectiveness
- D. Time Spent Testing

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 55

Which statement below BEST describes non-functional testing?

- A. Testing system attributes, such as usability, reliability or maintainability.
- B. Testing without reference to the internal structure of a system.
- C. The process of testing an integrated system to verify that it meets specified requirements.
- D. The process of testing to determine the compliance of a system to coding standards.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 56

Within the projects, a master test plan and phase test plan will be used. Following is a list of characteristics applicable for test plans:

- a. Any deviation from the procedures described in the test
- b. strategy document
- c. The overall estimated costs, timescales and resource
- d. requirements
- e. A detailed schedule of testing activities
- f. The development deliverables to be tested
- g. Which test staff members (names) will be involved and when
- h. Level of requirements coverage achieved

Which TWO of the above mentioned characteristics relate to the phase test plan? 1 credit

- A. a
- B. b
- C. c
- D. d
- E. e
- F. f

Answer: C,E ([LEAVE A REPLY](#))

Topic 16, Scenario 10, V1 "Online Application"

There is a formal requirement from the business to develop an additional on-line application to the company website which will allow existing policyholders to extend their cover for short-term foreign use of their vehicle overseas. The current manual process will be retained. The application must be implemented in months time in line with the marketing department's green initiative, which is anticipated to generate a significant increase in demand.

The development manager has insufficient resources to meet this request and has issued an invitation to potential bidders so that the development work can be outsourced. The application must initially cover Western Europe, and later Eastern Europe, Russia, the Middle East, the Far East and Africa. A decision has yet to be made with respect to Australia, New Zealand, North and South America. You have been asked to ensure the quality and suitability of the document sent to potential bidders and also that the application delivered by the successful bidder is 'Fit for purpose'.

NEW QUESTION: 57

What is retesting?

- A. A cursory run through a test pack to see if any new errors have been introduced.
- B. Checking that the predetermined exit criteria for the test phase have been met.
- C. Running the same test again in the same circumstances to reproduce the problem.
- D. Running a previously failed test against new software/data/documents to see if the problem is solved.

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 58

A deviation from the specified or expected behavior that is visible to end-users is called:

- A. a failure
- B. a fault
- C. a defect
- D. an error

Answer: A [\(LEAVE A REPLY\)](#)

NEW QUESTION: 59

What do static analysis tools analyze?

- A. Requirements
- B. Test cases
- C. Program code
- D. Design

Answer: C [\(LEAVE A REPLY\)](#)

NEW QUESTION: 60

Select THREE issues from the options provided that should at least be raised. 1 credit

- A. Has there been sufficient comparison of tools?
- B. What are the problems we are trying to address?
- C. Do we have a set of tool requirements to validate the tool against?
- D. How will the implementation be organized?
- E. Which project will be selected to perform the tool pilot?
- F. Is customized training available?

G. How will the change process be managed?

Answer: ([SHOW ANSWER](#))

Topic 4, Scenario 4, V1 "Test Management Tool"

A software development company that sells an established capture-replay tool has decided to complement it with a test management tool. The capture-replay tool was developed over a number of years and is used by a large number of clients.

The test management tool will be developed by the same team that developed the capture-replay tool, using the same technology. The company test strategy mandates that structural testing is focussed at the component test level and dynamic non-functional testing is focussed at the acceptance test level.

In response to growing customer demand, it is proposed to develop the test management tool in an incremental manner. Each increment will be developed using the V life cycle model. The target platform is a PC in a local area network. The PC uses a proprietary relational database and communicates with a single PC which acts as a server.

The test management tool must interface with the company's capture replay tool. Over the first 12 months of the development period the following functionality will be developed for the tool (in two increments): basic requirements management, support for test case creation; support for test procedures, test scripts and test suites. The functionality to be included in later increments will be driven by customer demand: however they expect to provide an incident management system, a web front-end, and interfaces to other proprietary tools and database management systems.

NEW QUESTION: 61

Why is independent testing important? [K1]

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

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 62

Test Implementation and execution has which of the following major tasks?

- i. Developing and prioritizing test cases, creating test data, writing test procedures and optionally preparing the test harnesses and writing automated test scripts.
- ii. Creating the test suite from the test cases for efficient test execution.
- iii. Verifying that the test environment has been set up correctly.
- iv.

Determining the exit criteria.

- A. i,ii are true and iii,iv are false
- B. ii,iii,iv are true and i is false
- C. i,ii,iii are true and iv is false
- D. i,iv are true and ii is false

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 63

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

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

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

NEW QUESTION: 64

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

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 65

What is the purpose of exit criteria?

- A. To identify when to start testing.
- B. To identify how many tests to design.
- C. To identify when to stop testing.
- D. To identify who will carry out the test execution.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 66

Which of the following is least likely to be used as a technique to identify project and product risks? 1 credit

- A. Brainstorming
- B. Inspections
- C. Expert interviews
- D. Independent assessments

Answer: B ([LEAVE A REPLY](#))

Topic 6, Scenario 5, V1"Human Resource System"

You have recently been employed as a test manager for a software house producing Human Resource (HR) systems, namely Payroll, Personnel and Recruitment systems. The company is relatively new and wants to make a major impact in the market by producing a worldwide enterprise HR product.

NEW QUESTION: 67

Which of the following would you NOT expect to see on an incident report from test execution?

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 68

Incorrect form of Logic coverage is:

- A. Statement Coverage
- B. Condition Coverage
- C. Path Coverage
- D. Pole Coverage

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 69

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 70

The business has asked for a weekly progress report. Which of the following would be appropriate as a measure of test coverage? 2 credits

- A. Percentage of business requirements exercised
- B. Percentage of planned hours worked this week
- C. Percentage of countries that have test scenarios
- D. Percentage of test iterations completed

Answer: ([SHOW ANSWER](#))

Topic 11, Scenario 11 "Incident Management"

The following is the current incident handling process in used at the company.

Step 1: Incident is documented in the incident Tile with the following information:

- Software module or area where the fault occurred
- Who has reported the fault
- Hardware configuration used for the test that found the fault
- The sequential incident number (1 greater than the last one recorded)

Step 2: Developer assigned to fix the fault

Step 3: Developer fixes the fault

Step 4: Developer signs off the incident as closed, and it is then removed from the incident file

NEW QUESTION: 71

In addition to introducing the new team member, you have decided to raise motivation.

Which of the measures listed below would be the best measure to take in order to increase the motivation of the team? 2 credits

- A. Provide more time for testing in the schedule
- B. Allow people to take some time off
- C. Organize a meeting with senior management in which they address the importance of good testing for this project
- D. Introduce entry criteria to the testing phase

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 72

Incorrect form of Logic coverage is:

- A. Path Coverage
- B. Condition Coverage
- C. Pole Coverage
- D. Statement Coverage

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 73

The introduction of reviews and inspections has often failed as a process improvement action. Identify the THREE most important measures that should be taken to reduce the risk that this test process improvement will fail. 2 Credits (for 2 out of 3 correct 1 credit)

- A. Management support
- B. The availability of standards and processes
- C. Using a reference model, e.g. TMMi
- D. Process ownership and experienced moderators who drive the inspection process.
- E. Training of those involved
- F. Alignment with software process improvement
- G. Usage of a more traditional software development lifecycle

Answer: A,D,E ([LEAVE A REPLY](#))

NEW QUESTION: 74

What is the benefit of independent testing?

- A. Independent testers do not need extra education and training.
- B. Independent testers tend to be unbiased and find different defects than the developers
- C. More work gets done because testers do not disturb the developers all the time.
- D. Independent testers reduce the bottleneck in the incident management process.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 75

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 76

The introduction of reviews and inspections has often failed as a process improvement action. Identify the THREE most important measures that should be taken to reduce the risk that this test process improvement will fail. 2 Credits (for 2 out of 3 correct 1 credit)

- A. Usage of a more traditional software development lifecycle
- B. Using a reference model, e.g. TMMi
- C. Process ownership and experienced moderators who drive the inspection process.
- D. Alignment with software process improvement
- E. Training of those involved
- F. The availability of standards and processes
- G. Management support

Answer: C,E,G ([LEAVE A REPLY](#))

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NEW QUESTION: 77

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. Being based on Equivalence Partitioning testing techniques.
- C. 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.
- D. Scaling to support large numbers of users.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 78

In addition to risk, identify TWO other components of a testing strategy. 1 credit

- A. The test schedule
- B. Test performance indicators
- C. The test design techniques to be used
- D. Test training needs for the project resources
- E. The entry and exit criteria for each test phase

Answer: C,E ([LEAVE A REPLY](#))

NEW QUESTION: 79

You are considering involving users during test execution. In general, what is the main reason for involving users during test execution? 1 credit

- A. This can serve as a way to build their confidence in the system
- B. They have the ability to also focus on invalid test cases
- C. They are a cheap resource
- D. They have good testing skills

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 80

What benefits do static analysis tools have over test execution tools?

- A. Static analysis tools can be used before code is written.

- B.** Static analysis tools find defects earlier in the life cycle.
- C.** Static analysis tools are particularly effective for regression testing.
- D.** Static analysis tools test that the delivered code meets business requirements.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 81

Complete statement and branch coverage means..?

- A.** That you have tested every IF statement in the program
- B.** That you have tested every combination of values of IF statements in the program
- C.** That you have tested every statement and every branch in the program
- D.** That you have tested every statement in the program

Answer: **C** ([LEAVE A REPLY](#))

NEW QUESTION: 82

Which of the following statements are correct for walkthroughs?

- (i)
Often led by the author.
 - (ii)
Documented and defined results.
 - (iii) All participants have defined roles.
 - (iv)
Used to aid learning.
 - (v)
Main purpose is to find defects.
- A.** (ii) and (iii) are correct.
 - B.** (iii) and (iv) are correct.
 - C.** (i) and (v) are correct.
 - D.** (i) and (iv) are correct.

Answer: **D** ([LEAVE A REPLY](#))

NEW QUESTION: 83

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

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

- A.** Title. Transaction input screen validation..Reproducible. Yes. Description. Script eod 1.4 fails . Screen shot of the failure attached. Validation of transaction entryon screen TRN-003B should not allow future dated transactions - see PID ver 1.3 para 10b iv.
- B.** Title. Screen TRN-003B validation of transaction date.. Reproducible. No. Description.

When a future dated transaction is processed by the end of day process, a failure can occur. This does not always happen. Screen shot of the failure attached.

C. Title. End of Day failure.. Reproducible. Yes. Description. Script eod 1.4 fails when the first transaction of the day is a future dated transaction. Screen shot of the failure attached.

D. Title. Screen TRN-003B validation of transaction date. Reproducible. Yes. Description. Script eod 1.4 fails when the first transaction of the day is a future dated transaction. Screen shot of the failure attached. Validation of transaction entry on screen TRN-003B should not allow future dated transactions - see PID ver 1.3 para 10b iv.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 84

Incorrect form of Logic coverage is:

A. Path Coverage

B. Condition Coverage

C. Statement Coverage

D. Pole Coverage

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 85

Boundary value testing:

A. Is used in white box testing strategy

B. Test boundary conditions on, below and above the edges of input and output equivalence classes

C. Tests combinations of input circumstances

D. Is the same as equivalence partitioning tests

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 86

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

The following test cases have been run:

Test Case 1 covering path P,Q,R,U

Test Case 2 covering path P,Q,S,V

Test Case 3 covering path P,Q,S,W,X

Test case 4 covering path P,Q,S,W,Y

Refer to the exhibit

A. Statement coverage is 100%; decision coverage is less than 100%

B. Statement coverage is less than 100%; decision coverage is 100%.

C. Statement coverage is 100%; decision coverage is 100%

D. Statement coverage and decision coverage are both less than 100%

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 87

You have been asked to write a testing strategy for the company. Which statement best explains how risk can be addressed within the testing strategy?

- A.** A test strategy is derived from the test policy and describes the way risk assessments are performed in projects.
- B.** A test strategy identifies the specific product for a project risk and defines the approach for the test project.
- C.** A test strategy is the result of a project risk analysis and defines the approach and resources for testing.
- D.** A test strategy should address identified generic product risks and present a process for mitigating those risks in line with the testing policy.

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 88

A booking system for a city bus service prices its fares according to the time of travel:

- * Peak-time tariff starts at 0600 and finishes at 1000 am
- * Off-peak tariff applies during all other times of service
- * The bus service does not operate between 2300 and the start of the next day's peak service

Note that all times mentioned are inclusive.

When applying the equivalence partitioning test design technique, which of the following options, shows test case inputs that each fall into a different equivalence partition?

- A.** 0100, 0800, 2200
- B.** 1001, 1300, 2259
- C.** 2400, 1000, 2301
- D.** 0600, 1000, 1200

Answer: **C** [\(LEAVE A REPLY\)](#)

NEW QUESTION: 89

Which of the following tools would have been the MOST effective at detecting this defect prior to live implementation?

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

Answer: **A** [\(LEAVE A REPLY\)](#)

NEW QUESTION: 90

One of the roles in a review is that of moderator, which of the following best describes this role?

- A.** Writes the document to be reviewed, agrees that the document can be reviewed, and updates the document with any changes.
- B.** Plans the review, runs the review meeting and ensures that follow-up activities are completed.
- C.** Documents all issues raised in the review meeting, records problems and open points.
- D.** Allocates time in the plan, decides which reviews will take place and that the benefits are delivered.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 91

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 measure whether dates of test milestones were met.
- D.** To apply to the RAD development model.

Answer: D ([LEAVE A REPLY](#))

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NEW QUESTION: 92

Evaluate the status of the project against the defined exit criteria. Which of the following options shows the correct status? 2 credits

- A.** Criteria A = OK, criteria B = OK, criteria C = OK
- B.** Criteria A = NOT OK, criteria B = NOT OK, criteria C = OK
- C.** Criteria A = NOT OK, criteria B = NOT OK, criteria C = NOT OK
- D.** Criteria A = OK, criteria B = NOT OK, criteria C = NOT OK

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 93

Which of the following metrics could be used to monitor progress along with test preparation and execution? [K1]

- A.** The failure rate in testing already completed
- B.** The total number of tests planned

- C. The total number of requirements to be tested
- D. The number of testers used for test execution so far

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 94

What is the main reason why reviews are especially beneficial in the above-mentioned scenario? 2 credits

- A. They ensure a common understanding of the product.
- B. They find defects early.
- C. They can be performed without exercising the code.
- D. They enhance project communication.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 95

A new system is about to be developed. Which of the following functions has the highest level of risk?

- A. Likelihood of failure = 20%; impact value = £100,000
- B. Likelihood of failure = 10%; impact value = £150,000
- C. Likelihood of failure = 1%; impact value = £500,000
- D. Likelihood of failure = 2%; impact value = £200,000

Answer: A ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

In (B) the product of probability × impact has the value £15,000; in (C) the value is £5,000 and in (D) it is £4,000. The value of £20,000 in (A) is therefore the highest.

NEW QUESTION: 96

What do you mean by "Having to say NO"..?

- A. No, the software is not ready for production
- B. Both a & b
- C. None of the above
- D. No, the problem is not with testers

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 97

What is the Risk Priority Number for risk item number 2? 2 credits

- A. 2
- B. 1
- C. 16
- D. 63

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 98

Continuing with the Scenario described in the previous question, which of the following topics would you need to address in detail in the master test plan? 3 credits

- A. An approach to regression testing
- B. A logical collection of test cases
- C. A description of dependencies between test cases
- D. A list of boundary values for "advance amount"

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 99

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

Which of the following best describes the purpose of non-functional testing?

- A. To measure characteristics of a system which give an indication of how the system performs its functions
- B. To ensure that the system deals appropriately with software malfunctions
- C. To measure the extent to which a system has been tested by functional testing
- D. To ensure that a system complies with the quality standards set by ISO 9126

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 101

Which of the following is usually the test basis for integration testing?

- A. Program specification
- B. Functional specification
- C. Technical specification
- D. Requirement specification

Answer: C ([LEAVE A REPLY](#))

Option (A) is used for unit testing.

Option (B) is used for system testing and

Option (D) is used for acceptance testing.

NEW QUESTION: 102

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

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 103

Since the system is in the medical domain and therefore in the safety critical area, testing needs to be rigorous and evidence is required that the system has been adequately tested. Identify THREE measures that would typically be part of the test approach in this domain and which are not always applicable in other domains! 1 credit

- A. Failure Mode and Effect Analysis (FMEA) sessions
- B. Non-functional testing
- C. Traceability to requirements
- D. Master test planning
- E. High level of documentation
- F. Reviews
- G. Test design techniques

Answer: A,C,E ([LEAVE A REPLY](#))

NEW QUESTION: 104

Consider the following pseudo code:

```
1 Begin
2 Read Time
3 If Time < 12 Then
4 Print(Time, "am")
5 Endif
6 If Time > 12 Then
7 Print(Time -12, "pm")
8 Endif
9 If Time = 12 Then
10 Print (Time, "noon")
11 Endif
12 End
```

If the test cases Time = 11 and Time = 15 were input, what level of decision coverage would be achieved?

- A. 100% or 6/6
- B. 50% or 3/6
- C. 67% or 4/6
- D. 83% or 5/6

Answer: D (LEAVE A REPLY)

Test case 1 exercises the decision outcomes True, False, False

Test case 2 exercises the decision outcomes False, True, False

This leaves the True outcome of decision 3 not exercised.

Of the 6 possible decision outcomes, 5 have been exercised, so the decision coverage is 5/6 (about 83%).

NEW QUESTION: 105

Which of the following statements are true?

- (i) For every development activity there is a corresponding testing activity.
- (ii) Each test level has the same test objectives.
- (iii) The analysis and design of tests for a given test level should begin after the corresponding development activity.
- (iv) Testers should be involved in reviewing documents as soon as drafts are available in the development life cycle.

- A. (i) and (ii)
- B. (iii) and (iv)
- C. (ii) and (iii)
- D. (i) and (iv)

Answer: D (LEAVE A REPLY)

Option (ii) is incorrect: each test level has a different objective.

Option (iii) is also incorrect: test analysis and design should start once the documentation has been completed.

NEW QUESTION: 106

Identify THREE items that would be part of the work-breakdown structure showing the key testing activities for the acceptance test project. 2 credits (for 2 out of 3 correct 1 credit)

- A. Test planning, test case preparation and test execution for each of the four iterations
- B. Work should be explicitly allocated to test completion, test management, installation and to training on using the system
- C. Activities to deploy the system in the user environment
- D. Regression testing in the second, third and fourth iterations
- E. Development activities for unit and integration testing
- F. Reviews on requirements documentation
- G. Defining test environment requirements for system testing

Answer: A,B,D (LEAVE A REPLY)

Topic 13, Scenario 8, V1 "Test Process Improvement"

You have been asked to investigate various test process Improvement models to be introduced for the next project. You have been asked to provide a comparison between the TMMi and TPI models and provide a recommendation.

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NEW QUESTION: 107

A bug or defect is:

- A. A mistake made by a person;
- B. A run-time problem experienced by a user;
- C. The result of an error or mistake;
- D. The result of a failure, which may lead to an error?

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 108

Which of the following has the typical formal review activities in the correct sequence?

- A. Kick-off, review meeting, planning, follow-up.
- B. Kick-off, planning, review meeting, re-work.
- C. Planning, kick-off, individual preparation, review meeting.
- D. Planning, individual preparation, follow-up, re-work.

Answer: C ([LEAVE A REPLY](#))

The correct sequence is: planning, kick-off, individual preparation, review meeting, re-work, follow-up. All of the other options have either the activities in the wrong order or activities missing from the strict flow.

NEW QUESTION: 109

Tools like change Man, Clear case are used as..?

- A. configuration management tools
- B. performance testing tools
- C. none of the above
- D. functional automation tools

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 110

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

- A. The 2 stage V model is the most appropriate development model for simple products

B. The 4 stage V model is always the best choice of software development model for any project

C. The agile development model is usually most appropriate for short projects

D. The choice of software development model depends on product and project characteristics

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 111

The introduction of reviews and inspections has often failed as a process improvement action. Identify the THREE most important measures that should be taken to reduce the risk that this test process improvement will fail. 2 Credits (for 2 out of 3 correct 1 credit)

A. Process ownership and experienced moderators who drive the inspection process.

B. Management support

C. Training of those involved

D. The availability of standards and processes

E. Usage of a more traditional software development lifecycle

F. Alignment with software process improvement

G. Using a reference model, e.g. TMMi

Answer: A,B,C ([LEAVE A REPLY](#))

Topic 3, Scenario 3 "Tool Selection and Implementation"

Your company is considering whether or not to purchase a test tool suite from a respectable vendor. Your manager has searched the internet for comparable products but none of them meets his specific requirements. A tool demonstration has been arranged for next week and your team has been invited to attend. The tool suite consists of a test management tool, test execution tool and a requirements management tool. There is the possibility of adding a performance testing tool at a later stage. You have decided to attend the demo but raise some issues beforehand regarding expectations.

NEW QUESTION: 112

In the MASPAR case study..?

A. All the above

B. The development team achieved complete statement and branch coverage but missed a serious bug in the MASPAR operating system

C. An error in the code was so obscure that you had to test the function with almost every input value to find its two special-case failures

D. Security failures were the result of untested parts of code

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 113

Which of the following test cases will ensure that the statement 'Print 'Hold'' is exercised?

[K3]

Refer to the exhibit

- A. X=2, Y=2, Z=2
- B. X=2, Y=4, Z=3
- C. X=2, Y=3, Z=4
- D. X=4, Y=3, Z=2

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 114

What is a test condition?

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 115

Considerable attention will be given in this project to defining exit criteria and on reporting back on their status.

Which combination of TWO exit criteria from the list would be best to use?

- I. Total number of defects found
- II. Percentage of test cases executed
- III. Total test effort planned versus total actual test effort spent
- IV. Defect trend (number of defects found per test run over time)

- A. (i) and (ii)
- B. (i) and (iv)
- C. (ii) and (iii)
- D. (ii) and (iv)

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Scenario 2 "Reviews"

Testlet 1

A software development organization wants to introduce some specific improvements to its test process.

Currently, most of their testing resources are focussed on system testing. They are developing embedded software, and do not have a simulation environment to enable them to execute software modules on the development host. They have been advised that introducing inspections and reviews could be the most appropriate step forward.

NEW QUESTION: 116

Which of the following comparisons of component testing and system testing are TRUE?

A. Component testing verifies the functioning of software modules, program objects, and classes that are separately testable, whereas system testing verifies interfaces between components and interactions with different parts of the system.

B. Test cases for component testing are usually derived from component specifications, design specifications, or data models, whereas test cases for system testing are usually derived from requirement specifications, functional specifications or use cases.

C. Component testing is the responsibility of the technical testers, whereas system testing typically is the responsibility of the users of the system.

D. Component testing focuses on functional characteristics, whereas system testing focuses on functional and non-functional characteristics.

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 117

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 - E17 total charges but no buggy allowed; TC2 - E21 total charge including buggy hire

B. TC1 - E23 total charges including buggy hire; TC2 - E16 total charge but no buggy allowed

C. TC1 - E18 total charges including buggy hire; TC2 - E16 total charge but no buggy allowed

D. TC1 - E23 total charges including buggy hire; TC2 - E21 total charge including buggy hire

Answer: **A** [\(LEAVE A REPLY\)](#)

NEW QUESTION: 118

Which of the following statements contains a valuable objective for a test team?

A. Cause as many failures as possible so that faults can be identified and corrected

B. Prove that all faults have been identified through thorough testing.

C. Run all of the tests that are defined for the test object as quickly as possible.

D. Prove that the remaining defects will not cause any additional failures.

Answer: **A** [\(LEAVE A REPLY\)](#)

NEW QUESTION: 119

Which of the following are static techniques?

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

Answer: A (LEAVE A REPLY)

Options (B), (C) and (D) are all dynamic test techniques.

NEW QUESTION: 120

Which of the following is the task of a Tester?

- i. Interaction with the Test Tool Vendor to identify best ways to leverage test tool on the project.
- ii. Prepare and acquire Test Data
- iii. Implement Tests on all test levels, execute and log the tests.
- iv. Create the Test Specifications

- A. iii and iv is correct and i and ii are incorrect
- B. i is true and ii, iii, iv are false
- C. i, ii, iii is true and iv is false
- D. ii, iii, iv is true and i is false

Answer: (SHOW ANSWER)

NEW QUESTION: 121

Which of the following is not decided in the test-planning phase..?

- A. Entry and exit criteria
- B. Types of test cases
- C. Schedules and deliverables
- D. Hardware and software

Answer: B (LEAVE A REPLY)

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NEW QUESTION: 122

What test roles (or parts in the testing process) is a developer most likely to perform?

- (i) Executing component integration tests.

- (ii) Static analysis.
- (iii) Setting up the test environment.
- (iv) Deciding how much testing should be automated.

- A. (i) and (ii)
- B. (i) and (iv)
- C. (ii) and (iii)
- D. (iii) and (iv)

Answer: A (LEAVE A REPLY)

(i) Executing component integration tests is usually done by developers. Developers are usually responsible for unit and component integration testing. Independent testing usually follows at system and acceptance test levels.

(ii) Static analysis is usually done by developers because: it requires an understanding of the code and therefore the person doing this needs skills in the programming language; and it can be done as soon as the code is written. Therefore it is quick and effective for the developer to do it. The risk of a lack of test independence can be mitigated by performing independent system and acceptance testing.

(iii) Setting up the test environment is an activity typically performed by a tester. It may require support from developers and staff from other departments and on some occasions environments could be set up by developers. However, it is a task that could be done by a tester rather than a developer.

(iv) Deciding how much testing should be automated is typically a decision made by the test leader, who will consult other staff in the decision-making process. Developers may be involved and their skills may be required to automate some tests. However, the decision on how much to automate should not be made by developers.

NEW QUESTION: 123

Risks should be constantly reviewed. Given the current situation, which one of the following factors is most likely to lead to a revised view of product risk? 3 credits

- A. The delivery of the application without the interface changes may upset the user community.
- B. The concerns over the user interface may lead to changes to the interface which cannot be implemented by development in time for the second test iteration.
- C. The concerns over the user interface raises the likelihood of a risk in that area and increases the amount of test effort needed for the user interface, thereby limiting the test effort available for other parts of the test management tool.
- D. The method used for test estimation is not accurate enough and hence the money spent on testing exceeded its budget.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 124

Which of the following phases in the fundamental test process is considered to deliver a document which can be used as a major input for test process improvement? 1 credit

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 125

As part of the test strategy, entry and exit criteria will be defined for each test level. Which is NOT a valid reason for using entry and exit criteria? 1 credit

- A. Exit criteria are used to decide on when to stop testing.
- B. Using entry and exit criteria will prevent software that is not or poorly tested from going to the next test level.
- C. Entry and exit criteria are a principal way for getting adequate resources.
- D. The expectation is that development testing is not adequate.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 126

Regarding the process described above, what is the most important recommendation you would make using IEEE 1044 as a guide? 2 credits

- A. No priority or severity assigned
- B. Incident numbering is manual rather than automated
- C. No mentioning of reproduceability
- D. No classification on type of incident

Answer: A (LEAVE A REPLY)

Topic 12, Scenario 12 "Automatic Teller Machine (ATM)"

You are a test manager in charge of integration, system and acceptance testing for a bank. You are working on a project to upgrade an existing ATM to allow customers to obtain cash advances from supported credit cards. The system should allow cash advances from EUR20 to EUR500, inclusively, for all supported credit cards. The supported credit cards are American Express, VISA, Eurocard and Mastercard.

In the master test plan the following items are listed in the section named "items and/or features to be tested":

- I All supported credit cards
- II Language localization
- III Valid and invalid advances
- IV Usability
- V Response time

NEW QUESTION: 127

A number of options have been suggested for the level of independence to be employed for the testing on the next project, and are shown below.

- i. External test specialists perform non-functional testing.
- ii. Testing is outsourced.
- iii. Testing is carried out by the developer.
- iv. A separate test team carries out the testing.
- v. Testing is performed by the business.
- vi. Testing is performed by a different developer.

Which of the following orders the above in a correct order of independence?

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

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 128

The cost of fixing a fault:

- A. Is not important
- B. Can never be determined
- C. Decreases as we move the product towards live use
- D. Increases as we move the product towards live use
- E. Is more expensive if found in requirements than functional design

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 129

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

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 130

Who is responsible for conducting test readiness review..?

- A. Test Manager
- B. None of the above
- C. Project Manager

D. Test Engineer

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 131

When a defect is detected and fixed then the software should be retested to confirm that the original defect has been successfully removed. This is called:

- A. Maintenance testing
- B. Confirmation testing
- C. Regression testing
- D. None of the above

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 132

Which of the following is NOT a typical key challenge for testing in a RAD based development approach? 1 credit

- A. Re-usable test scripts for (automated) regression testing
- B. Project management and control
- C. No complete requirements specification
- D. Time-boxing

Answer: B ([LEAVE A REPLY](#))

Topic 19, Scenario 11 "Incident Management"

The following is the current incident handling process in used at the company.

Step 1: Incident is documented in the incident Tile with the following information:

- Software module or area where the fault occurred
 - Who has reported the fault
 - Hardware configuration used for the test that found the fault
 - The sequential incident number (1 greater than the last one recorded)
- Step 2: Developer assigned to fix the fault
Step 3: Developer fixes the fault

Step 4: Developer signs off the incident as closed, and it is then removed from the incident file

NEW QUESTION: 133

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

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 134

To test a function, the programmer has to write a _____, which calls the function to be tested and passes it test data:

- A. None of the above
- B. Proxy
- C. Driver
- D. Stub

Answer: C (LEAVE A REPLY)

NEW QUESTION: 135

Which of the following is not a major task of Exit criteria?

- A. Writing a test summary report for stakeholders.
- B. Checking test logs against the exit criteria specified in test planning.
- C. Assessing if more tests are needed.
- D. Logging the outcome of test execution.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 136

Which of the following could be a reason for a failure?

- 1) Testing fault
 - 2) Software fault
 - 3) Design fault
 - 4) Environment Fault
 - 5) Documentation Fault
- A. 1, 2, 3 are valid reasons; 4 & 5 are not
 - B. 1, 2, 3, 4 are valid reasons; 5 is not
 - C. 2 is a valid reason; 1, 3, 4 & 5 are not
 - D. All of them are valid reasons for failure

Answer: (SHOW ANSWER)

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NEW QUESTION: 137

During which test activity could faults be found most cost effectively?

- A. Planning
- B. Execution
- C. Check Exit criteria completion
- D. Design

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 138

Which one of the following roles is typically used in a review?

- A. Champion.
- B. Author.
- C. Project sponsor.
- D. Custodian.

Answer: B ([LEAVE A REPLY](#))

The Author is the only role that is typically used in a review.

A Champion might sponsor the review process but is not a defined role within an actual review; a Project Sponsor, if technically competent, might be asked to play a defined role within the review process, but whilst using that role they will not be a Project Sponsor; finally, a Custodian might ensure the results are stored safely but would not be involved in the actual review itself.

NEW QUESTION: 139

A test log is one of the documents that need to be produced in this domain in order to provide evidence of testing. However, the level of detail of test logs can vary. Which of the following is NOT an influencing factor for the level of detail of the test logs being produced?

1 credit

- A. Level of test execution automation
- B. Test level
- C. Regulatory requirements
- D. Experience level of testers

Answer: D ([LEAVE A REPLY](#))

Topic 1, Scenario 1 "Medical Domain"

You are working as a test manager in the medical domain leading a team of system testers.

You are currently working on a major release of the product which gives customers many new features and resolves a number of problem reports from previous releases.

NEW QUESTION: 140

In general which part of the testing activity is most difficult to estimate? 1 credit

- A. Test design
- B. Test execution
- C. Test planning

D. Test management

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 141

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

A. Migration of software onto a new platform

B. Purchase of a new software tool

C. Updating of a regression suite

D. Testing during initial development of a replacement for an existing system

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 142

During which test activity could faults be found most cost effectively?

A. Design

B. Execution

C. Check Exit criteria completion

D. Planning

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 143

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

A. 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.

B. Using action words to describe the actions to be taken, the test data.

C. Being based on Equivalence Partitioning testing techniques.

D. Scaling to support large numbers of users.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 144

To test a function, the programmer has to write a _____, which calls the function to be tested and passes it test data:

A. Stub

B. None of the above

C. Driver

D. Proxy

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 145

Which of the following are examples of iterative development models?

(i) V-model

(ii) Rapid Application Development model

- (iii) Waterfall model
- (iv) Agile development model

- A. (i) and (ii)
- B. (ii) and (iii)
- C. (ii) and (iv)
- D. (iii) and (iv)

Answer: C (LEAVE A REPLY)

The other two models are sequential models.

NEW QUESTION: 146

Which of the following is a characteristic of good testing in any life cycle model? 1 credit

- A. Analysis and design of tests begins as soon as development is completed.
- B. All document reviews involve the development team.
- C. Some, but not all, development activities have corresponding test activities.
- D. Each test level has test objectives specific to that level.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 147

Which of the following is a characteristic of good testing in any life cycle model? 1 credit

- A. All document reviews involve the development team.
- B. Each test level has test objectives specific to that level.
- C. Analysis and design of tests begins as soon as development is completed.
- D. Some, but not all, development activities have corresponding test activities.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 148

Test Implementation and execution has which of the following major tasks?

- i. Developing and prioritizing test cases, creating test data, writing test procedures and optionally preparing the test harnesses and writing automated test scripts.
- ii. Creating the test suite from the test cases for efficient test execution.
- iii. Verifying that the test environment has been set up correctly.
- iv.

Determining the exit criteria.

- A. i,ii,iii are true and iv is false
- B. i,ii are true and iii,iv are false
- C. i,iv are true and ii is false
- D. ii,iii,iv are true and i is false

Answer: A (LEAVE A REPLY)

NEW QUESTION: 149

What is retesting?

- A. Running the same test again in the same circumstances to reproduce the problem.
- B. A cursory run through a test pack to see if any new errors have been introduced.
- C. Running a previously failed test against new software/data/documents to see if the problem is solved.
- D. Checking that the predetermined exit criteria for the test phase have been met.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 150

Evaluate the status of the project against the defined exit criteria. Which of the following options shows the correct status? 2 credits

- A. Criteria A = OK, criteria B = OK, criteria C = OK
- B. Criteria A = NOT OK, criteria B = NOT OK, criteria C = OK
- C. Criteria A = OK, criteria B = NOT OK, criteria C = NOT OK
- D. Criteria A = NOT OK, criteria B = NOT OK, criteria C = NOT OK

Answer: B ([LEAVE A REPLY](#))

Topic 11, Scenario 6, V4 "Independent Test Team"

You have for a while been trying to hire a second test automation specialist for your test team. However, you did not have any luck in finding a suitable candidate. So now, you have been asked by IT management of XYZ to forward a proposal with alternative solutions for building an automated regression test suite at system test level over a period of 2 years including needed training and eventual handover to the test team.

NEW QUESTION: 151

Which of the following would you least expect to form part of the analysis of initial tool costs? 1 credit

- A. Integration with other tools
- B. Learning time required to use the new tool
- C. Tool portability
- D. Evaluation of suitable tools

Answer: ([SHOW ANSWER](#))

Topic 4, Scenario 4, V2 "Test Management Tool"

The project situation after 11 months is:

-

The first increment was released one week late but contained sufficient functionality to be declared 'fit for purpose'. However, there were 20 outstanding incidents deferred to increment two.

-

The amount of voluntary overtime worked by the test team has reduced the second increment slippage to just 3 weeks.

-There is talk of reducing the scope of requirements. The purpose of this is to first deliver the application with support for manual testing and then to provide a delivery * weeks later

to resolve any remaining points and provide support for automated testing (i.e. the link to the capture-replay tool).

-Concerns have been expressed by a section of the user community, that in some places the usability is very poor.

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NEW QUESTION: 152

A washing machine has three temperature bands for different kinds of fabrics: fragile fabrics are washed at temperatures between 15 and 30 degrees Celsius; normal fabrics are washed at temperatures between 31 and 60 degrees Celsius; heavily soiled and tough fabrics are washed at temperatures between 61 and 100 degrees Celsius.

Which of the following contains only values that are in different equivalence partitions?

- A. 15, 30, 60
- B. 20, 35, 60
- C. 25, 45, 75
- D. 12, 35, 55

Answer: C (LEAVE A REPLY)

Explanation/Reference:

Explanation:

Answer (A) includes two values from the lower partition, answer (B) contains two values from the second partition, answer (D) contains one value that is invalid (out of range).

NEW QUESTION: 153

IEEE 1028 also defines "management review" as a type of review. What is the main purpose of a management review? 1 credit

- A. To monitor progress, assess the status of a project, and make decisions about future actions
- B. Provide independent evaluation of compliance to processes, regulations, standards etc.
- C. Align technical concepts during the design phase
- D. Establish a common understanding of requirements

Answer: A (LEAVE A REPLY)

NEW QUESTION: 154

Which of the following team roles would be most appropriate to enhance the team and why? 2 credits

- A. A quality assurance officer
- B. A person with the ability to complete tasks
- C. A person who brings new ideas to the team
- D. A person with in-depth technical skills

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 155

Reporting Discrepancies as incidents is a part of which phase:

- A. Test Closure Activities
- B. Test Implementation and execution
- C. Test Analysis and Design
- D. Evaluating exit criteria and reporting

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 156

Which statement correctly describes the public and profession aspects of the code of ethics?

- A. Public: Certified software testers shall act in the best interests of their client and employer (being consistent with the wider public interest). Profession: Certified software testers shall advance the integrity and reputation of their industry consistent with the public interest.
- B. Public: Certified software testers shall advance the integrity and reputation of the profession consistent with the public interest. Profession: Certified software testers shall consider the wider public interest in their actions.
- C. Public: Certified software testers shall consider the wider public interest in their actions. Profession:
Certified software testers shall participate in lifelong learning regarding the practice of their profession and shall promote an ethical approach to the practice of their profession.
- D. Public: Certified software testers shall consider the wider public interest in their actions. Profession:
Certified software testers shall advance the integrity and reputation of their industry consistent with the public interest.

Answer: D ([LEAVE A REPLY](#))

All other answers contain an activity identified as analysis and design that is part of implementation and test execution.

NEW QUESTION: 157

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

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 158

Which of the following are valid justifications for developers testing their own code during unit testing?

(i)

Their lack of independence is mitigated by independent testing during system and acceptance testing.

(ii)

A person with a good understanding of the code can find more defects more quickly using white-box techniques.

(iii) Developers have a better understanding of the requirements than testers.

(iv)

Testers write unnecessary incident reports because they find minor differences between the way in which the system behaves and the way in which it is specified to work.

A. (i) and (ii)

B. (i) and (iv)

C. (ii) and (iii)

D. (iii) and (iv)

Answer: A ([LEAVE A REPLY](#))

It is unlikely that developers will have a better understanding of the requirements than testers, partly because testers work closely with the user community (and may be drawn from it) and partly because developers seldom work with the complete set of requirements in a medium to large development.

Testers may raise incidents related to the difference between user expectations and the specification, but these are not unnecessary. Such issues are more likely to arise at the later stages of testing.

Early testing (unit testing) is usually done most effectively by developers with a good understanding of the code and the development environment; they can be more efficient and more effective at this level. Later independent stages of testing offset any disadvantage from the lack of independence at unit testing level.

NEW QUESTION: 159

Faults found by users are due to..?

A. Poor quality software

B. Bad luck

C. Poor software and poor testing

D. Insufficient time for testing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 160

Given is the following defect removal chart reported at the end of system testing - showing total defects detected and closed defects (fixed and successfully retested). A number of open defects are classified as critical. All tests have been executed.

Based on the chart above, what is the most appropriate next test phase? 1 credit

- A. Acceptance testing to verify the business process
- B. Acceptance testing to verify operational requirements
- C. Requirements testing as part of testing regulatory compliance
- D. Another system test cycle to verify defect resolution

Answer: ([SHOW ANSWER](#))

Topic 21, Mix Questions Set A

NEW QUESTION: 161

In addition to risk, identify TWO other components of a testing strategy. 1 credit

- A. The entry and exit criteria for each test phase
- B. Test training needs for the project resources
- C. The test design techniques to be used
- D. Test performance indicators
- E. The test schedule

Answer: ([SHOW ANSWER](#))

Topic 7, Scenario 5, V2 "Human Resource System"

For the first increment of the new enterprise HR product you have performed a product risk analysis using the FMEA method. Five risk items have been identified and the likelihood and impact have been scored using scoring tables. This has resulted in the following scores:

NEW QUESTION: 162

Which of the following are the typical defects found by static analysis tools?

- a. Variables that are never used.
 - b. Security vulnerabilities.
 - c. Poor performance.
 - d. Unreachable code.
 - e. Business processes not followed.
- A. a is true; b, c, d and e are false
 - B. b, c and d are true; a and e are false
 - C. a, b and d are true; c and e are false
 - D. c, d and e are true; a and b are false

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 163

Consider the following pseudo code:

```
1 Begin
2 Read Time
3 If Time < 12 Then
4 Print(Time, "am")
5 Endif
6 If Time > 12 Then
7 Print(Time -12, "pm")
8 Endif
9 If Time = 12 Then
10 Print (Time, "noon")
11 Endif
12 End
```

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

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

Answer: C ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

The three decisions are in sequence and the conditions are all mutually exclusive (if any one is true the others must be false). Hence a test case that makes the first decision true will make the second and third decisions false and so on.

So test case 1 (say Time = 6) would exercise the path True, False, False, test case 2 (say Time = 15) would exercise the path False, True, False. Test case 3 would have to be Time = 12. This combination achieves 100 per cent decision coverage because each decision has been exercised through its true and its false outcomes.

NEW QUESTION: 164

Which of the following are most likely to be used when developing a test strategy or test approach?

- (i) Failure-based approach
- (ii) Test specification approach
- (iii) Model-based approach
- (iv) Finance-based approach

- A. (iii) and (ii)
- B. (i) and (iv)
- C. (i) and (iii)

D. (ii) and (i)

Answer: D ([LEAVE A REPLY](#)**)**

NEW QUESTION: 165

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

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

Answer: C ([LEAVE A REPLY](#)**)**

NEW QUESTION: 166

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

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

Answer: D ([LEAVE A REPLY](#)**)**

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NEW QUESTION: 167

Equivalence Partitioning is best defined as:

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

Answer: C ([LEAVE A REPLY](#)**)**

NEW QUESTION: 168

Acceptance test cases are based on what?

- A. Design
- B. Decision table
- C. Requirements
- D. Code

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 169

Risks should be constantly reviewed. Given the current situation, which one of the following factors is most likely to lead to a revised view of product risk? 3 credits

- A. The delivery of the application without the interface changes may upset the user community.
- B. The concerns over the user interface may lead to changes to the interface which cannot be implemented by development in time for the second test iteration.
- C. The method used for test estimation is not accurate enough and hence the money spent on testing exceeded its budget.
- D. The concerns over the user interface raises the likelihood of a risk in that area and increases the amount of test effort needed for the user interface, thereby limiting the test effort available for other parts of the test management tool.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 170

Consider the following pseudo code:

```
1 Begin
2 Read Time
3 If Time < 12 Then
4   Print(Time, "am")
5 Endif
6 If Time > 12 Then
7   Print(Time, "pm")
8 Endif
9 If Time = 12 Then
10    Print (Time, "noon")
11 Endif
12 End
```

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

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

Answer: C ([LEAVE A REPLY](#))

The three decisions are in sequence and the conditions are all mutually exclusive (if any one is true the others must be false). Hence a test case that makes the first decision true will make the second and third decisions false and so on.

So test case 1 (say Time = 6) would exercise the path True, False, False, test case 2 (say Time = 15) would exercise the path False, True, False. Test case 3 would have to be Time = 12. This combination achieves 100 per cent decision coverage because each decision has been exercised through its true and its false outcomes.

NEW QUESTION: 171

Which of the following test cases will ensure that the statement 'Print 'Hold'' is exercised?
Refer to the exhibit

- A. X=2, Y=3, Z=4
- B. X=2, Y=4, Z=3
- C. X=4, Y=3, Z=2
- D. X=2, Y=2, Z=2

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 172

Which aspect in the test estimate is the main risk in this project?

- A. Quality of the specification
- B. Availability of end-users
- C. The costs of hardware and tools
- D. Unknown input quality due to third party development

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Testlet 1

You have been asked to investigate various test process Improvement models to be introduced for the next project. You have been asked to provide a comparison between the TMMi and TPI models and provide a recommendation.

NEW QUESTION: 173

Which of the following is a valid objective of testing? [K1]

- A. Preventing defects
- B. Correcting defects
- C. Locating defects in the code
- D. Ensuring no defects are present

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 174

Which pair of definitions is correct?

- A. Regression testing is checking that the reported defect has been fixed; retesting is testing that there are no additional problems in previously tested software.
- B. Regression testing is checking there are no additional problems in previously tested software; retesting enables developers to isolate the problem.
- C. Regression testing involves running all tests that have been run before; retesting runs new tests.
- D. Regression testing is checking that there are no additional problems in previously tested software, retesting is demonstrating that the reported defect has been fixed.

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

Regression testing is testing that nothing has regressed. Retesting (or confirmation testing) confirms the fix is correct by running the same test after the fix has been made. No other option has both of these as true.

NEW QUESTION: 175

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 ([LEAVE A REPLY](#))

NEW QUESTION: 176

Instead of having an independent test team within the company, the company is considering to outsource testing. What are THREE key challenges that are typical for outsourcing? 1 credit

- A. Audit trail from requirements to test cases
- B. Applying test automation
- C. Testing of non-functional requirements
- D. Test environment more complex
- E. Possibly different cultures
- F. Clear channels of communications
- G. Define expectation for tasks and deliverables

Answer: E,F,G ([LEAVE A REPLY](#))

NEW QUESTION: 177

The flow graph below shows the logic of a program for which 100% statement coverage and 100% decision coverage is required on exit from component testing. [K4] The following test cases have been run:

Test Case 1 covering path P,Q,R,U

Test Case 2 covering path P,Q,S,V

Test Case 3 covering path P,Q,S,W,X

Test case 4 covering path P,Q,S,W,Y

Refer to the exhibit

A. Statement coverage is 100%; decision coverage is 100%

B. Statement coverage and decision coverage are both less than 100%

- C. Statement coverage is less than 100%; decision coverage is 100%.
- D. Statement coverage is 100%; decision coverage is less than 100%

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 178

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

Refer to the exhibit

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?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 179

Which of the following could be a disadvantage of independent testing?

- A. Developers can lose a sense of responsibility for quality.
- B. Communication is limited between independent testers and developers.
- C. Independent testers are too slow and delay the project schedule.
- D. Developer and independent testing will overlap and waste resources.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 180

Which of the following, if observed in reviews and tests, would lead to problems (or conflict) within teams?

- A. Testers and reviewers are not curious enough to find defects.
- B. Testers and reviewers are not qualified enough to find failures and faults.
- C. Testers and reviewers expect that defects in the software product have already been found and fixed by the developers.
- D. Testers and reviewers communicate defects as criticism against persons and not against the software product.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 181

Within the projects, a master test plan and phase test plan will be used. Following is a list of characteristics applicable for test plans:

- a. Any deviation from the procedures described in the test strategy document
- b. The overall estimated costs, timescales and resource requirements

- c. A detailed schedule of testing activities
- d. The development deliverables to be tested
- e. Which test staff members (names) will be involved and when
- f. Level of requirements coverage achieved

Which THREE of the above mentioned characteristics relate to the master test plan? 1 credit

- A. d
- B. b
- C. c
- D. f
- E. a
- F. e

Answer: A,B,E (LEAVE A REPLY)

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NEW QUESTION: 182

Which of the following would be the TWO most appropriate examples of entry criteria documented in the system integration test plan?

- A. The percentage of decision coverage achieved during unit testing.
- B. The availability of the latest version of the capture-replay tool (for testing the interface with the newly developed test management tool).
- C. The sign-off of a performance test software release note (test item transmittal report) by both development and testing showing that system performance meets the specified acceptance criteria.
- D. The percentage of acceptance test procedures scheduled for execution.
- E. The percentage of requirements coverage achieved during system integration test.

Answer: A,B (LEAVE A REPLY)

Explanation/Reference:

Testlet 1

The project situation after 11 months is:

- The first increment was released one week late but contained sufficient functionality to be declared fit for purpose'. However, there were 20 outstanding incidents deferred to increment two.
- The amount of voluntary overtime worked PV the test team has reduced the second Increment slippage to just 3 weeks.
- There is talk of reducing the scope of requirements. The purpose of this is to first deliver the application with support for manual testing and then to provide a delivery * weeks later to resolve any remaining points and provide support for automated testing (i.e. the link to the capture-replay tool).
- Concerns have been expressed by a section of the user community, that in some places the usability is very poor.

NEW QUESTION: 183

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

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?

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 184

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 185

Which of the following is a project risk mitigation step you might take as test manager?

- A. Testing for performance problems
- B. Hiring a contractor after a test analyst leaves the company
- C. Arranging a back-up test environment in case the existing one fails during testing
- D. Performing a project retrospective meeting using the test results after each increment

Answer: (SHOW ANSWER)

Explanation/Reference:

Scenario 5, V1"Human Resource System"

Testlet 1

You have recently been employed as a test manager for a software house producing Human Resource (HR) systems, namely Payroll, Personnel and Recruitment systems. The company is relatively new and wants to make a major impact in the market by producing a worldwide enterprise HR product.

NEW QUESTION: 186

Which of the following defines the expected result of a test?

- A. Test execution schedule
- B. Test condition
- C. Test procedure
- D. Test case

Answer: D (LEAVE A REPLY)

NEW QUESTION: 187

Considerable attention will be given in this project to defining exit criteria and on reporting back on their status. Which combination of TWO exit criteria from the list would be best to use?

- I. Total number of defects found
 - II. Percentage of test cases executed
 - III. Total test effort planned versus total actual test effort spent
 - IV. Defect trend (number of defects found per test run over time)
- A. (i) and (ii)
 - B. (i) and (iv)
 - C. (ii) and (iii)
 - D. (ii) and (iv)

Answer: D (LEAVE A REPLY)

Explanation/Reference:

Testlet 1

A software development organization wants to introduce some specific improvements to its test process.

Currently, most of their testing resources are focussed on system testing. They are developing embedded software, and do not have a simulation environment to enable them to execute software modules on the development host. They have been advised that introducing inspections and reviews could be the most appropriate step forward.

NEW QUESTION: 188

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 189

Which of the following product risks would be most effectively addressed just by static testing?

- A.** The test cases do not cover the key requirements.
- B.** The application takes too long to process a request for additional cover.
- C.** In the delivered application, one of the countries, as specified in the requirements, has not been correctly implemented.
- D.** The successful bidder may not deliver all the required functionality on time.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 190

Which of the following are the most important factors to be taken into account when selecting test techniques?

- (i) Tools available.
- (ii) Regulatory standards.
- (iii) Experience of the development team.
- (iv) Knowledge of the test team.

The need to maintain levels of capability in each technique.

- A.** (i) and (ii)
- B.** (ii) and (iv)
- C.** (iii) and (iv)
- D.** (i) and (v)

Answer: ([SHOW ANSWER](#))

Answer (i) looks temptingly right, and the availability of tools might make the use of a technique more or less attractive, but it would not be decisive in the way that regulatory standards and tester knowledge are.

Answer (iii) is irrelevant because testing should be independent of development anyway, but it could tempt someone who is unsure about the relationship between development and testing.

Answer (v) is a factor in managing the test team, and experience would need to be maintained, but this should not influence the selection of techniques for a live project.

NEW QUESTION: 191

What if the project isn't big enough to justify extensive testing..?

- A. None of the above
- B. Both a and b
- C. Use automation tool for testing
- D. Use risk based analysis to find out which areas need to be tested

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 192

Which test management control option is most appropriate to adopt under these circumstances? 2 credits

- A. Advise the user community regarding the reduced scope of requirements and the additional incremental delivery.
- B. Arrange a meeting with the user community representatives to discuss the user interface.
- C. Introduce mandatory evening and weekend working to retrieve the 3 week slippage.
- D. Reconsider the exit criteria and review the test plan in the context of the current situation.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 193

A test log is one of the documents that need to be produced in this domain in order to provide evidence of testing.

However, the level of detail of test logs can vary. Which of the following is NOT an influencing factor for the level of detail of the test logs being produced? 1 credit

- A. Regulatory requirements
- B. Test level
- C. Level of test execution automation
- D. Experience level of testers

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 194

Which type of review has the following main purposes:

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

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 195

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. 3, 4, 1, 2, 5, 6

B. 6, 3, 1, 4, 2, 5

C. 3, 2, 1, 4, 6, 5

D. 3, 1, 4, 2, 6, 5

Answer: D (LEAVE A REPLY)

NEW QUESTION: 196

Why might a RAD approach be a better option for the test manager rather than a sequential development? 2 credits

A. It will allow the marketing, clerical and testing staff to validate and verify the early screen prototypes.

B. More time can be spent on test execution as less formal documentation is required.

C. Time-box constraints will guarantee code releases are delivered on schedule.

D. It will extend the development team's abilities and enhance future delivery capabilities.

Answer: A (LEAVE A REPLY)

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NEW QUESTION: 197

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

The following test cases have been run:

Test Case 1 covering path P,Q,R,U

Test Case 2 covering path P,Q,S,V

Test Case 3 covering path P,Q,S,W,X

Test case 4 covering path P,Q,S,W,Y

Refer to the exhibit

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 198

Model characteristics:

Which THREE of the below mentioned characteristics relate to TMMi? 1 credit

- A. 20 key areas
- B. 5 maturity levels
- C. Continuous model
- D. Highly related to CMMI
- E. Focussed on higher level testing
- F. Focussed on component and integration testing
- G. Staged model
- H. Is build around 12 critical testing processes

Answer: B,D,G ([LEAVE A REPLY](#))

NEW QUESTION: 199

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 200

What is static analysis?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 201

What is the main reason why reviews are especially beneficial in the above-mentioned scenario?

- A. They ensure a common understanding of the product.
- B. They enhance project communication.
- C. They can be performed without exercising the code.
- D. They find defects early.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 202

Which is not the fundamental test process?

- A. None
- B. Test closure activities
- C. Planning and control
- D. Analysis and design

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 203

Which of the following is NOT a typical key challenge for testing in a RAD based development approach? 1 credit

- A. Re-usable test scripts for (automated) regression testing
- B. No complete requirements specification
- C. Time-boxing
- D. Project management and control

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 204

Which of the following is a valid drawback of independent testing? 1 credit

- A. Developer and independent testing will overlap and waste resources.
- B. Developers lose the sense of responsibility and independent testers may become a bottleneck.
- C. Independent testers need extra education and always cost more.
- D. Independent testers will become a bottleneck and introduce problems in incident management.

Answer: ([SHOW ANSWER](#))

Topic 9, Scenario 6, V2 "Independent Test Team"

The project has been running for a few months and the team seems not to be progressing in their test approach. The team also lacks drive and enthusiasm and is sometimes seen to be performing their tasks too slowly. You have been asked to recruit an extra person into the team.

NEW QUESTION: 205

A test log is one of the documents that need to be produced in this domain in order to provide evidence of testing. However, the level of detail of test logs can vary. Which of the following is NOT an influencing factor for the level of detail of the test logs being produced?

- A. Level of test execution automation
- B. Test level
- C. Regulatory requirements
- D. Experience level of testers

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

NEW QUESTION: 206

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 207

Which is not in sequence in 11 Step Software Testing process..?

- A. Test software requirement
- B. Develop the test plan
- C. Test software design
- D. Assess development plan and status

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 208

Which of the following would you expect to see in the master test plan? 1 credit

- A. A description of how the test cases are cross-referenced to requirements in the test management tool.
- B. A detailed identification of the resources that will carry out structural testing in the first iteration.
- C. The test approach that will be applied at system integration testing.
- D. A list of the names of the testers who will carry out the performance testing for the final iteration.

Answer: ([SHOW ANSWER](#))

Topic 5, Scenario 4, V2 "Test Management Tool"

The project situation after 11 months is:

- The first increment was released one week late but contained sufficient functionality to be declared fit for purpose'. However, there were 20 outstanding incidents deferred to increment two.
- The amount of voluntary overtime worked PV the test team has reduced the second Increment slippage to just 3 weeks.
- There is talk of reducing the scope of requirements. The purpose of this is to first deliver the application with support for manual testing and then to provide a delivery * weeks later to resolve any remaining points and provide support for automated testing (i.e. the link to the capture-replay tool).
- Concerns have been expressed by a section of the user community, that in some places the usability is very poor.

NEW QUESTION: 209

Which of the following is a non-functional requirement?

- A. The system will enable users to buy books.
- B. The system will allow users to return books.
- C. The system will ensure security of the customer details.
- D. The system will allow up to 100 users to log in at the same time.

Answer: D (LEAVE A REPLY)

Explanation/Reference:

Explanation:

The other options are functional requirements. Note that security is regarded as a functional requirement in this syllabus.

NEW QUESTION: 210

Which option BEST describes how the level of risk is determined?

- A. The consequences of a potential problem multiplied by the cost of possible legal action
- B. The impact of an adverse event multiplied by the likelihood of that event occurring
- C. The likelihood of an adverse event happening multiplied by the cost of preventing it
- D. The likelihood and the probability of a hazard occurring

Answer: B (LEAVE A REPLY)

NEW QUESTION: 211

Which one of the following roles is typically used in a review?

- A. Champion.
- B. Author.
- C. Project sponsor.
- D. Custodian.

Answer: B (LEAVE A REPLY)

The Author is the only role that is typically used in a review. A Champion might sponsor the review process but is not a defined role within an actual review; a Project Sponsor, if

technically competent, might be asked to play a defined role within the review process, but whilst using that role they will not be a Project Sponsor; finally, a Custodian might ensure the results are stored safely but would not be involved in the actual review itself.

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NEW QUESTION: 212

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 213

How does software testing contribute to the quality of delivered software?

- 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: (SHOW ANSWER)

Explanation/Reference:

NEW QUESTION: 214

Which statement correctly describes the public and profession aspects of the code of ethics?

A. Public: Certified software testers shall act in the best interests of their client and employer (being consistent with the wider public interest). Profession: Certified software testers shall advance the integrity and reputation of their industry consistent with the public interest.

B. Public: Certified software testers shall advance the integrity and reputation of the profession consistent with the public interest. Profession: Certified software testers shall consider the wider public interest in their actions.

C. Public: Certified software testers shall consider the wider public interest in their actions. Profession:

Certified software testers shall participate in lifelong learning regarding the practice of their profession and shall promote an ethical approach to the practice of their profession.

D. Public: Certified software testers shall consider the wider public interest in their actions. Profession:

Certified software testers shall advance the integrity and reputation of their industry consistent with the public interest.

Answer: D (LEAVE A REPLY)

Explanation/Reference:

Explanation:

All other answers contain an activity identified as analysis and design that is part of implementation and test execution.

NEW QUESTION: 215

Which of the following are valid justifications for developers testing their own code during unit testing?

(i) Their lack of independence is mitigated by independent testing during system and acceptance testing.

(ii) A person with a good understanding of the code can find more defects more quickly using white-box techniques.

(iii) Developers have a better understanding of the requirements than testers.

(iv) Testers write unnecessary incident reports because they find minor differences between the way in which the system behaves and the way in which it is specified to work.

A. (i) and (ii)

B. (i) and (iv)

C. (ii) and (iii)

D. (iii) and (iv)

Answer: A (LEAVE A REPLY)

Explanation/Reference:

Explanation:

It is unlikely that developers will have a better understanding of the requirements than testers, partly because testers work closely with the user community (and may be drawn from it) and partly because developers seldom work with the complete set of requirements in a medium to large development.

Testers may raise incidents related to the difference between user expectations and the specification, but these are not unnecessary. Such issues are more likely to arise at the later stages of testing.

Early testing (unit testing) is usually done most effectively by developers with a good understanding of the code and the development environment; they can be more efficient and more effective at this level. Later independent stages of testing offset any disadvantage from the lack of independence at unit testing level.

NEW QUESTION: 216

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.

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

A. e, a, b, c, d

B. a, c, b, d, e

C. e, a, d, c, b

D. a, d, c, b, e

Answer: A (LEAVE A REPLY)

NEW QUESTION: 217

In general, why is it NOT a good idea to estimate the testing effort based only on a percentage of development effort? Identify THREE valid reasons. 1 credit

A. The result is almost always a too low estimate for the required test effort

B. Using the same percentage every time does not address the level of risk of the application to be tested.

- C. It builds on large set of historical data
- D. The quality of the development estimate may be poor.
- E. The percentage based technique only applies to the V life cycle model.
- F. The maturity of the organization, e.g. the quality of the test basis, quality of development testing, configuration management, availability of test tools, also influence the effort needed for testing.
- G. In general bottom-up estimation is always better than top-down estimation.

Answer: B,D,F ([LEAVE A REPLY](#))

NEW QUESTION: 218

Since the system is in the medical domain and therefore in the safety critical area, testing needs to be rigorous and evidence is required that the system has been adequately tested. Identify THREE measures that would typically be part of the test approach in this domain and which are not always applicable in other domains!

- A. Traceability to requirements
- B. Master test planning
- C. Test design techniques
- D. Reviews
- E. Non-functional testing
- F. High level of documentation
- G. Failure Mode and Effect Analysis (FMEA) sessions

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 219

Which of the following terms is used to describe the management of software components comprising an integrated system?

- A. Configuration management
- B. Incident management
- C. Test monitoring
- D. Risk management

Answer: A ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

Incident management is the collection and processing of incidents raised when errors and defects are discovered. Test monitoring identifies the status of the testing activity on a continuous basis. Risk management identifies, analyses and mitigates risks to the project and the product. Configuration management is concerned with the management of changes to software components and their associated documentation and testware.

NEW QUESTION: 220

Given the following figures for the testing on a project, and assuming the failure rate for initial tests remains constant and that all retests pass, what number of tests remain to be run? 3 credits

- A. 720
- B. 784
- C. 700
- D. 570

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 221

A test management tool is most likely to integrate with which of the following tools?

- A. Performance testing tool
- B. Test data preparation tool
- C. Static analysis tool
- D. Requirements management tool

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

Requirements management tools (option (D)) often have interfaces with test management tools. In some cases they will be sold as a package or in other cases a test management tool may have its own requirements module. The use of such interfaces or integrated packages aids traceability from requirements through to test scripts and defects.

Performance management tools (option (A)), test data preparation tools (option (B)) and static analysis tools (option (C)) are unlikely to have an interface or be integrated with a test management tool. They serve different purposes and therefore there is little need for such interfaces.

NEW QUESTION: 222

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 requirements for reliability and security in the product
- C. The test estimation method used
- D. The level of detail in the test plan

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 223

The following statements relate to activities that are part of the fundamental test process.

- i. Evaluating the testability of requirements.
- ii. Repeating testing activities after changes.
- iii. Designing the test environment set-up.

- iv. Developing and prioritizing test cases.
- v. Verifying the environment is set up correctly.

Which statement below is TRUE?

- A.** (i) and (ii) are part of analysis and design, (iii), (iv) and (v) are part of test implementation and execution.
- B.** (i) and (iii) are part of analysis and design, (ii), (iv) and (v) are part of test implementation and execution.
- C.** (i) and (v) are part of analysis and design, (ii), (iii) and (iv) are part of test implementation and execution.
- D.** (i) and (iv) are part of analysis and design, (ii), (iii) and (v) are part of test implementation and execution.

Answer: ([SHOW ANSWER](#))

All other answers contain an activity identified as analysis and design that is part of implementation and test execution.

NEW QUESTION: 224

Which of the following would be the most significant input to estimating the time to carry out the specified testing tasks? 3 credits

- A.** The standards used for the requirements specification.
- B.** The metrics recorded from testing the capture-replay tool.
- C.** The number of testers in the company and their grade.
- D.** The skills and experience of developers to correct the failures.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 225

What is the purpose of test completion criteria in a test plan:

- A.** To know when a specific test has finished its execution
- B.** To plan when to stop testing
- C.** To know when test planning is complete
- D.** To ensure that the test case specification is complete
- E.** To set the criteria used in generating test inputs

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 226

Which of the following test case design techniques is white box (structure-based)? [K1]

- A.** Decision testing
- B.** Use case testing
- C.** Equivalence partitioning
- D.** State transition testing

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 227

The development manager is managing the review of the responses received from bidders, and has asked the in-house test manager to provide a review checklist for the test management aspects of the responses.

Which of the following checkpoints would be appropriate?

- A.** The bidder's test policy should enforce that incident management fully conforms to IEEE 1044.
- B.** The bidder's project strategy shows that the data content of all the test environments conforms to EU standards.
- C.** The bidder's test plan shows that the application will be delivered for acceptance in six months time.
- D.** The bidder's project test plan depicts a phased implementation with later delivery dates to be confirmed and states that test deliverables will be developed using IEEE 829 as a guide.

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Testlet 1

While waiting for the responses, the test manager has been asked to prepare test plans to validate the software application delivered by the successful bidder.

NEW QUESTION: 228

Consider the typical objectives of testing. Which of the following metrics can be used to measure the effectiveness of the testing process in achieving one of those objectives? 1 credit

- A.** Percentage of test effort spent on regression testing
- B.** Percentage of requirements covered
- C.** Average number of days between defect discovery and resolution
- D.** Lines of code written per developer per day

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 229

During test process improvement it is recommended to use standards where possible. Standards originate from various sources and they cover different subjects in relation to testing. Pick TWO sources of software standards, useful to software testing from the ones mentioned below. 1 credit

A. ISO 9126-1 'Software engineering- Product quality Part 1:

Quality model' is an international standard, that provides a basis on which to define quality assurance solutions.

B. ISA 4126-1 'Software engineering- Product quality Part 1:

Quality model' is an international standard, that provides a basis on which to define quality assurance solutions.

C. BS-7925-2 'Software testing. Software component testing is a national standard used internationally. It covers a number of testing techniques that may be useful both on component testing level and on system testing level.

D. SY-395-01 'Standard for East Coast Hospital software' is a regional standard adapted from a national one. Besides hospital software, this standard ought to be used also by other types of software system in the region.

E. IEEE 829 'standard for software test documentation' is an international standard to be following mandatory by all testing origination regardless of lifecycle models.

Answer: A,C (LEAVE A REPLY)

Topic 15, Scenario 9 "Test Management Documentation"

A software house is concerned about the number of defects found in software released to its customers. They are starting to plan a new software product. In the past, releases have often been stopped due to poor planning and too many defects found during high level testing. You have been recruited to the newly created position of test manager and asked to develop a test strategy, manage the testing of the project and organize the resources needed to carry out the testing.

NEW QUESTION: 230

Which statement correctly describes the public and profession aspects of the code of ethics?

A. Public: Certified software testers shall act in the best interests of their client and employer (being consistent with the wider public interest). Profession: Certified software testers shall advance the integrity and reputation of their industry consistent with the public interest.

B. Public: Certified software testers shall advance the integrity and reputation of the profession consistent with the public interest. Profession: Certified software testers shall consider the wider public interest in their actions.

C. Public: Certified software testers shall consider the wider public interest in their actions. Profession: Certified software testers shall participate in lifelong learning regarding the practice of their profession and shall promote an ethical approach to the practice of their profession.

D. Public: Certified software testers shall consider the wider public interest in their actions.
Profession: Certified software testers shall advance the integrity and reputation of their industry consistent with the public interest.

Answer: D (LEAVE A REPLY)

All other answers contain an activity identified as analysis and design that is part of implementation and test execution.

NEW QUESTION: 231

You are about to release a test progress report to a senior manager, who is not a test specialist. Which of the following topics should NOT be included in the test progress report? 1 credit

- A.** Detailed overview of the risk-based test approach being used to ensure the exit criteria to be achieved
- B.** Recommendations for taking controlling actions
- C.** Status compared against the started exit criteria
- D.** Product risks which have been mitigated and those which are outstanding.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 232

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?

- A.** Title. End of Day failure.. Reproducible. Yes. Description. Script eod 1.4 fails when the first transaction of the day is a future dated transaction. Screen shot of the failure attached.
- B.** Title. Transaction input screen validation..Reproducible. Yes. Description. Script eod 1.4 fails . 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.
- C.** Title. Screen TRN-003B validation of transaction date.. Reproducible. No. Description. When a future dated transaction is processed by the end of day process, a failure can occur. This does not always happen. Screen shot of the failure attached.
- D.** Title. Screen TRN-003B validation of transaction date. Reproducible. Yes. Description. Script eod 1.4 fails when the first transaction of the day is a future dated transaction. Screen shot of the failure attached. Validation of transaction entry on screen TRN-003B should not allow future dated transactions - see PID ver 1.3 para 10b iv.

Answer: (SHOW ANSWER)

Explanation

NEW QUESTION: 233

In addition to introducing the new team member, you have decided to raise motivation. Which of the measures listed below would be the best measure to take in order to increase the motivation of the team?

- A. Provide more time for testing in the schedule
- B. Allow people to take some time off
- C. Introduce entry criteria to the testing phase
- D. Organize a meeting with senior management in which they address the importance of good testing for this project

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Testlet 1

Three exit criteria have been defined for the project:

- A: Test cases passed more than 70%
- B: Number of outstanding defects less than 5
- C: Number of defects per test case less than 0.5

The first week of the testing has shown the following results:

NEW QUESTION: 234

Identify THREE items that would be part of the work-breakdown structure showing the key testing activities for the acceptance test project.

- A. Defining test environment requirements for system testing
- B. Regression testing in the second, third and fourth iterations
- C. Reviews on requirements documentation
- D. Test planning, test case preparation and test execution for each of the four iterations
- E. Work should be explicitly allocated to test completion, test management, installation and to training on using the system
- F. Activities to deploy the system in the user environment
- G. Development activities for unit and integration testing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 235

Which is not a major task of test implementation and execution?

- A. Develop and prioritizing test cases, creating test data, writing test procedures and optionally, preparing test harness and writing automated test scripts.
- B. Checking test logs against the exit criteria specified in test planning.
- C. Verifying that the test environment has been set up correctly.
- D. Logging the outcome of test execution and recording the identities and versions of the software under test, test tools and testware.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 236

Which of the following is not a quality characteristic listed in ISO 9126 Standard?

- A. Usability
- B. Functionality
- C. Supportability
- D. Maintainability

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 237

The effect of testing is to:

- A. Increase software quality;
- B. Show there are no problems remaining?
- C. Enable those responsible for software failures to be identified;
- D. Give an indication of the software quality;

Answer: D [\(LEAVE A REPLY\)](#)

NEW QUESTION: 238

A software component has the code shown below:

```
Program BiggestA, Biggest: Integer Begin
Read A Biggest = 10 While A > 0 Do
If A > Biggest
Then Biggest = A
Endif
Read A
Enddo
End
```

The component has exit criteria for component testing that include 100% statement coverage. Which of the following test cases will satisfy this criterion?

- A. 10, 5, 0
- B. 0
- C. 10, 0
- D. 10, 11, 0

Answer: D [\(LEAVE A REPLY\)](#)

NEW QUESTION: 239

Which of the following defects is most likely to be found by a test harness?

- A. Variance from programming standards.
- B. A defect in middleware.
- C. Memory leaks.
- D. Regression defects.

Answer: [\(SHOW ANSWER\)](#)

Explanation/Reference:

Explanation:

Variance from programming standards defects (option (A)) are found during the review or static testing process. Therefore a test harness is unlikely to find a defect in programming standards.

Memory leak defects (option (C)) could potentially be found by a test harness designed to run many test cases.

Regression defects (option (D)) could be found using many types of test tool.

Defects in middleware (option (B)) are generally more likely to be found by a test harness or a dynamic analysis tool than by any other type of tool.

NEW QUESTION: 240

Regarding the process described above, what is the most important recommendation you would make using IEEE 1044 as a guide? 2 credits

- A.** No priority or severity assigned
- B.** Incident numbering is manual rather than automated
- C.** No mentioning of reproduceability
- D.** No classification on type of incident

Answer: A (LEAVE A REPLY)

Topic 12, Scenario 12 "Automatic Teller Machine (ATM)"

You are a test manager in charge of integration, system and acceptance testing for a bank. You are working on a project to upgrade an existing ATM to allow customers to obtain cash advances from supported credit cards. The system should allow cash advances from EUR20 to EUR500, inclusively, for all supported credit cards. The supported credit cards are American Express, VISA, Eurocard and Mastercard.

In the master test plan the following items are listed in the section named "items and/or features to be tested":

- I All supported credit cards
- II Language localization
- II Valid and invalid advances
- IV Usability
- V Response time

NEW QUESTION: 241

The difference between re-testing and regression testing is:

- A.** Re-testing is running a test again; regression testing looks for unexpected side effects
- B.** Re-testing looks for unexpected side effects; regression testing is repeating those tests
- C.** Re-testing is done after faults are fixed; regression testing is done earlier
- D.** Re-testing is done by developers, regression testing is done by independent testers
- E.** Re-testing uses different environments, regression testing uses the same environment

Answer: A (LEAVE A REPLY)

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NEW QUESTION: 242

Which of the following is a characteristic of good testing in any life cycle model?

- A. Analysis and design of tests begins as soon as development is completed.
- B. Some, but not all, development activities have corresponding test activities.
- C. Each test level has test objectives specific to that level.
- D. All document reviews involve the development team.

Answer: C ([LEAVE A REPLY](#))

Explanation

NEW QUESTION: 243

As part of the improvement program, the organization is also looking at tool support. Which type of tool could be used to ensure higher quality of the code to be reviewed? 1 credit

- A. Review tool
- B. Test execution tool
- C. Static analysis tool
- D. Test design tool

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 244

A top-down development strategy affects which level of testing most?

- A. Component testing
- B. Integration testing
- C. System testing
- D. User acceptance testing

Answer: B ([LEAVE A REPLY](#))

The development strategy will affect the component testing (option (A)), in so far as it cannot be tested unless it has been built. Options (C) and (D) require the system to have been delivered; at these points the development strategy followed is not important to the tester. Option (B) needs knowledge of the development strategy in order to determine the order in which components will be integrated and tested.

NEW QUESTION: 245

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

- 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

A. a and d.

B. a and b.

C. c and d.

D. b and c.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 246

When a defect is detected and fixed then the software should be retested to confirm that the original defect has been successfully removed. This is called:

A. Confirmation testing

B. None of the above

C. Maintenance testing

D. Regression testing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 247

You have investigated different possibilities and selected four of them to present to IT management.

Which of the proposals will you most likely give your highest recommendations?

A. Solution from a tool vendor offering to educate two test team members in the use of their easy-to-use test automation capture replay tool over the first 3 month and based on that build the regression test suite. In addition to Vicki, Steve is the only one that has time available to be educated.

B. Insourcing of test automation based on an offer from a local company ABC that has people who are specialists in system level capture-replay automation tools and they also do regular training courses in test automation methods and tools. They can then work closely with Vicki.

C. Outsourcing of test automation based on an offer from an Asian company, AsiaAutoTest, which has people who are specialists in system level capture-replay automation tools. They also offer training and besides they offer to run and maintain the regression tests in the future.

D. Internal offer from the development department of XYZ to create the regression package using CppUnit as test automation tool. One of the development groups have very good experiences in automating unit tests, and they are willing to do training as well.

Answer: **B** ([LEAVE A REPLY](#))

NEW QUESTION: 248

Which is not the fundamental test process?

- A. None
- B. Test closure activities
- C. Planning and control
- D. Analysis and design

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 249

Which of the following statements BEST describes one of the seven key principles of software testing?

- A. It is normally impossible to test all input / output combinations for a software system.
- B. Automated tests are better than manual tests for avoiding the Exhaustive Testing.
- C. The purpose of testing is to demonstrate the absence of defects. The purpose of testing is to demonstrate the absence of defects.
- D. Exhaustive testing is, with sufficient effort and tool support, feasible for all software.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 250

Which of the following would you least expect to form part of the analysis of initial tool costs? 1 credit

- A. Integration with other tools
- B. Learning time required to use the new tool
- C. Tool portability
- D. Evaluation of suitable tools

Answer: ([SHOW ANSWER](#))

Topic 4, Scenario 4, V1 "Test Management Tool"

A software development company that sells an established capture-replay tool has decided to complement it with a test management tool. The capture-replay tool was developed over a number of years and is used by a large number of clients.

The test management tool will be developed by the same team that developed the capture-replay tool, using the same technology. The company test strategy mandates that structural testing is focussed at the component test level and dynamic non-functional testing is focussed at the acceptance test level.

In response to growing customer demand, it is proposed to develop the test management tool in an incremental manner. Each increment will be developed using the V life cycle model. The target platform is a PC in a local area network. The PC uses a proprietary relational database and communicates with a single PC which acts as a server.

The test management tool must interface with the company's capture replay tool. Over the first 12 months of the development period the following functionality will be developed for

the tool (in two increments): basic requirements management, support for test case creation; support for test procedures, test scripts and test suites. The functionality to be included in later increments will be driven by customer demand: however they expect to provide an incident management system, a web front-end, and interfaces to other proprietary tools and database management systems.

NEW QUESTION: 251

Complete statement and branch coverage means..?

- A. That you have tested every combination of values of IF statements in the program
- B. That you have tested every statement and every branch in the program
- C. That you have tested every statement in the program
- D. That you have tested every IF statement in the program

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 252

Which of the following statements describes a key principle of software testing?

- A. Exhaustive software testing is, with enough effort and tool support, feasible for all software.
- B. The purpose of software testing is demonstrating the absence of defects in software products.
- C. For a software system, it is normally impossible to test all the input and output combinations.
- D. Automated tests allow better statements of confidence about the quality of software products.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 253

When what is visible to end-users is a deviation from the specific or expected behavior, this is called..?

- A. A failure
- B. An error
- C. A defect
- D. A fault
- E. A mistake

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 254

Incorrect form of Logic coverage is:

- A. Statement Coverage
- B. Pole Coverage
- C. Condition Coverage

D. Path Coverage

Answer: B (LEAVE A REPLY)

Explanation/Reference:

NEW QUESTION: 255

What is the Risk Priority Number for risk item number 2? 2 credits

- A. 1
- B. 2
- C. 63
- D. 16

Answer: (SHOW ANSWER)

NEW QUESTION: 256

Which of the following is NOT a typical key challenge for testing in a RAD based development approach?

- A. Time-boxing
- B. Re-usable test scripts for (automated) regression testing
- C. Project management and control
- D. No complete requirements specification

Answer: (SHOW ANSWER)

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NEW QUESTION: 257

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. An error by the programmer led to a mistake in the purchase identification module and this caused a defect in the application

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 258

Part of the testing strategy indicates that you are going to be using systematic test design techniques. Your manager has asked that you present the main advantages of using these techniques at the next board meeting. Identify THREE main benefits of using systematic test design techniques within this company. 2 credits (for 2 out of 3 correct 1 credit)

- A.** Will reduce the need for early reviews
- B.** Provides a way to differentiate depth of testing based on product risks by using different techniques
- C.** Will make non-systematic testing redundant
- D.** More enhanced documentation and therefore higher repeatability and reproducibility
- E.** Easier to quickly adapt testing to changing requirements compared to experienced-based testing
- F.** Will guide experienced testers to find defects
- G.** Targets certain types of faults

Answer: B,D,G ([LEAVE A REPLY](#))

NEW QUESTION: 259

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

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 260

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

- A.** a and d
- B.** b and e

C. b and c

D. c and d

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 261

Which of the following are examples of iterative development models?

(i)

V-model

(ii)

Rapid Application Development model

(iii) Waterfall model

(iv)

Agile development model

A. (i) and (ii)

B. (ii) and (iii)

C. (ii) and (iv)

D. (iii) and (iv)

Answer: C ([LEAVE A REPLY](#))

The other two models are sequential models.

NEW QUESTION: 262

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?

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

A. c and d

B. b and c

C. b and e

D. a and d

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 263

What test roles (or parts in the testing process) is a developer most likely to perform?

(i)

Executing component integration tests.

(ii)

Static analysis.

(iii) Setting up the test environment.

(iv)

Deciding how much testing should be automated.

A. (i) and (ii)

B. (i) and (iv)

C. (ii) and (iii)

D. (iii) and (iv)

Answer: A (LEAVE A REPLY)

(i)

Executing component integration tests is usually done by developers. Developers are usually responsible for unit and component integration testing. Independent testing usually follows at system and acceptance test levels.

(ii)

Static analysis is usually done by developers because: it requires an understanding of the code and therefore the person doing this needs skills in the programming language; and it can be done as soon as the code is written. Therefore it is quick and effective for the developer to do it. The risk of a lack of test independence can be mitigated by performing independent system and acceptance testing.

(iii) Setting up the test environment is an activity typically performed by a tester. It may require support from developers and staff from other departments and on some occasions environments could be set up by developers. However, it is a task that could be done by a tester rather than a developer.

(iv) Deciding how much testing should be automated is typically a decision made by the test leader, who will consult other staff in the decision-making process. Developers may be involved and their skills may be required to automate some tests. However, the decision on how much to automate should not be made by developers.

NEW QUESTION: 264

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 (LEAVE A REPLY)

Topic 23, Mix Questions Set C

NEW QUESTION: 265

Which of the following is a role of a formal review?

A. Moderator

B. Governor

C. Adjudicator

D. Corrector

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 266

Maintenance testing is:

- A. updating tests when the software has changed
- B. testing by users to ensure that the system meets a business need
- C. testing to maintain business advantage
- D. testing a released system that has been changed

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 267

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 268

Designing the test environment set-up and identifying any required infrastructure and tools are a part of which phase:

- A. Test Implementation and execution
- B. Test Analysis and Design
- C. Evaluating the Exit Criteria and reporting
- D. Test Closure Activities

Answer: B ([LEAVE A REPLY](#))

Explanation

NEW QUESTION: 269

Which of the test cases below will exercise both outcomes from decision 2?

Refer to the exhibit

- A. P = 36, Q = 36, P=37, Q=35
- B. P = 24, Q = 20, P=24, Q=25
- C. P = 42, Q = 43, P=42, Q=42
- D. P = 37, Q = 36, P=35, Q=36

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 270

Which of the following test case design techniques is white box (structure-based)?

- A. Use case testing
- B. State transition testing
- C. Decision testing
- D. Equivalence partitioning

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 271

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 levels from integration testing to acceptance testing
- C. At integration testing and system testing levels only
- D. At all test levels

Answer: D ([LEAVE A REPLY](#))

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NEW QUESTION: 272

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 273

Which of the following are valid reasons for adopting a different life cycle (from the V model), for increments after the first year? 2 credits

- i. We do not have a clear understanding of the requirements from a customer perspective.
- ii. We see the risk of delivering requested functionality late as being higher than the risk of delivering a lower quality product.

iii. We do not have a budget for additional regression testing which is needed to ensure that existing functionality is not compromised by future iterations.

iv. The company test strategy does not fit well within the V life cycle model.

A. (ii) and (iv)

B. (ii) and (iii)

C. (i) and (ii)

D. (i) and (iv)

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 274

Which of the following comparisons of component testing and system testing are TRUE?

A. Component testing verifies the functioning of software modules, program objects, and classes that are separately testable, whereas system testing verifies interfaces between components and interactions with different parts of the system.

B. Test cases for component testing are usually derived from component specifications, design specifications, or data models, whereas test cases for system testing are usually derived from requirement specifications, functional specifications or use cases.

C. Component testing is the responsibility of the technical testers, whereas system testing typically is the responsibility of the users of the system.

D. Component testing focuses on functional characteristics, whereas system testing focuses on functional and non-functional characteristics.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 275

It is recommended to perform exhaustive tests for covering all combinations of inputs and preconditions.

A. No, risk analysis and priorities should be used to focus testing efforts

B. Yes, and it's also necessary to include all the exit combinations

C. Yes, it's strongly recommended.

D. Only the expert testers can make exhaustive tests.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 276

Within the projects, a master test plan and phase test plan will be used. Following is a list of characteristics applicable for test plans:

a. Any deviation from the procedures described in the test strategy document

b. The overall estimated costs, timescales and resource requirements

c. A detailed schedule of testing activities

d. The development deliverables to be tested

e. Which test staff members (names) will be involved and when

f. Level of requirements coverage achieved

Which THREE of the above mentioned characteristics relate to the master test plan? 1 credit

- A. c
- B. e
- C. d
- D. f
- E. b
- F. a

Answer: C,E,F ([LEAVE A REPLY](#))

NEW QUESTION: 277

Which of the following statements are TRUE? A. Regression testing and acceptance testing are the same. B. Regression tests show if all defects have been resolved. C. Regression tests are typically well-suited for test automation. D. Regression tests are performed to find out if code changes have introduced or uncovered defects. E. Regression tests should be performed in integration testing.

- A. A, C and E are true; B and D are false.
- B. C and D are true; A, B and E are false.
- C. A, C and D and E are true; B is false.
- D. B and E are true; A, C and D are false.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 278

Which of the following terms is used to describe the management of software components comprising an integrated system?

- A. Configuration management
- B. Incident management
- C. Test monitoring
- D. Risk management

Answer: ([SHOW ANSWER](#))

Incident management is the collection and processing of incidents raised when errors and defects are discovered. Test monitoring identifies the status of the testing activity on a continuous basis. Risk management identifies, analyses and mitigates risks to the project and the product. Configuration management is concerned with the management of changes to software components and their associated documentation and testware.

NEW QUESTION: 279

Given is the following defect removal chart reported at the end of system testing - showing total defects detected and closed defects (fixed and successfully retested). A number of open defects are classified as critical. All tests have been executed.

Based on the chart above, what is the most appropriate next test phase? 1 credit

- A. Acceptance testing to verify the business process
- B. Acceptance testing to verify operational requirements
- C. Requirements testing as part of testing regulatory compliance
- D. Another system test cycle to verify defect resolution

Answer: D ([LEAVE A REPLY](#))

Topic 21, Mix Questions Set A

NEW QUESTION: 280

Comparing TMMi and TPI, which is not a valid reason for choosing either TPI or TMMi? 2 credits

- A. TPI is much more a bottom-up model that is suitable for addressing test topics for a specific (test) project.
- B. If the scope of test performance improvement covers all test levels, TMMi is preferred since TPI focusses mainly on black-box testing.
- C. If the organization is already applying CMMI, TMMi may be preferred since it has the same structure and uses the same terminology. TMMi addresses management commitment very strongly and is therefore more suitable to support a top-down improvement process.
- D. TMMi can only be used with the traditional V model, whereas TPI can be used with all types of software life cycles.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 281

You have been given responsibility for the non-functional testing of a safety-critical monitoring & diagnostics package in the medical area. Which of the following would you least expect to see addressed in the test plan?

- A. Reliability
- B. Availability
- C. Portability
- D. Safety

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 282

A garden irrigation system allows the user to specify 2 inputs:

1. Frequency - The number of times the system should be automatically switched on per day; minimum once per day, maximum 5 times
 2. Duration - The duration of operation, in whole minutes, each time it is switched on; ranging from 1 to 60
- Applying 2-value boundary value analysis which of the following options has the correct test set of valid and invalid boundary values?

- A. Frequency 0, 1, 5, 6; Duration 0, 1, 60, 61
- B. Frequency 1, 5; Duration 1, 60

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 283

As part of the improvement program, the organization is also looking at tool support. Which type of tool could be used to ensure higher quality of the code to be reviewed? 1 credit

- A. Test design tool
B. Static analysis tool
C. Test execution tool
D. Review tool

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 284

Select THREE issues from the options provided that should at least be raised. 1 credit

- A. Is customized training available?
B. Which project will be selected to perform the tool pilot?
C. How will the implementation be organized?
D. What are the problems we are trying to address?
E. How will the change process be managed?
F. Has there been sufficient comparison of tools?
G. Do we have a set of tool requirements to validate the tool against?

Answer: D,F,G ([LEAVE A REPLY](#))

NEW QUESTION: 285

Pick the best definition of quality:

- A. Zero defects
B. Work as designed
C. Conformance to requirements
D. Quality is job one

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 286

Which of the following product risks would be most effectively addressed just by static testing? 3 credits

- A. In the delivered application, one of the countries, as specified in the requirements, has not been correctly implemented.
B. The application takes too long to process a request for additional cover.
C. The test cases do not cover the key requirements.
D. The successful bidder may not deliver all the required functionality on time.

Answer: C ([LEAVE A REPLY](#))

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NEW QUESTION: 287

Which of the following statements BEST describes the difference between testing and debugging?

- A.** Dynamic testing shows failures caused by defects. Debugging finds, analyzes, and removes the causes of failures in the software.
- B.** Testing removes faults. Debugging identifies the causes of failures.
- C.** Dynamic testing prevents causes of failures. Debugging removes the failures.
- D.** Testing pinpoints (identifies the source of) the defects. Debugging analyzes the faults and proposes prevention activities.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 288

Which of the following is an example of testing as part of the requirements specification phase? 1 credit

- A.** A requirements review meeting
- B.** A business analyst eliciting requirements
- C.** Performing acceptance tests against requirements
- D.** A test report showing requirements coverage

Answer: **A** ([LEAVE A REPLY](#))

Topic 3, Scenario 3 "Tool Selection and Implementation"

Your company is considering whether or not to purchase a test tool suite from a respectable vendor. Your manager has searched the internet for comparable products but none of them meets his specific requirements. A tool demonstration has been arranged for next week and your team has been invited to attend. The tool suite consists of a test management tool, test execution tool and a requirements management tool. There is the possibility of adding a performance testing tool at a later stage. You have decided to attend the demo but raise some issues beforehand regarding expectations.

NEW QUESTION: 289

What is the purpose of a test completion criterion?

- A. to set the criteria used in generating test inputs
- B. to ensure that the test case specification is complete
- C. to determine when to stop testing
- D. to know when a specific test has finished its execution

Answer: [\(SHOW ANSWER\)](#)

NEW QUESTION: 290

Which statement correctly describes debugging? [K2]

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

Answer: A [\(LEAVE A REPLY\)](#)

NEW QUESTION: 291

Who is responsible for conducting test readiness review..?

- A. Test Manager
- B. Test Engineer
- C. None of the above
- D. Project Manager

Answer: A [\(LEAVE A REPLY\)](#)

NEW QUESTION: 292

Which of the following is a non-functional requirement?

- A. The system will enable users to buy books.
- B. The system will allow users to return books.
- C. The system will ensure security of the customer details.
- D. The system will allow up to 100 users to log in at the same time.

Answer: D [\(LEAVE A REPLY\)](#)

The other options are functional requirements. Note that security is regarded as a functional requirement in this syllabus.

NEW QUESTION: 293

Which of the following is in the correct order (typically)?

- A. Unit testing, maintenance testing, system testing, acceptance testing.
- B. Acceptance testing, system testing, maintenance testing, unit testing.
- C. System testing, unit testing, acceptance testing, maintenance testing.

D. Unit testing, system testing, acceptance testing, maintenance testing.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 294

Non-functional system testing includes:

- A. Testing a system feature using only the software required for that action
- B. Testing for functions that should not exist
- C. Testing to see where the system does not function properly
- D. Testing quality attributes of the system including performance and usability
- E. Testing a system feature using only the software required for that function

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 295

Which of the following would be the most significant input to estimating the time to carry out the specified testing tasks? 3 credits

- A. The standards used for the requirements specification.
- B. The number of testers in the company and their grade.
- C. The metrics recorded from testing the capture-replay tool.
- D. The skills and experience of developers to correct the failures.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 296

Which of the following accurately defines the integration testing test level?

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 297

Given is the following defect removal chart reported at the end of system testing - showing total defects detected and closed defects (fixed and successfully retested). A number of open defects are classified as critical. All tests have been executed.

Based on the chart above, what is the most appropriate next test phase? 1 credit

- A. Requirements testing as part of testing regulatory compliance
- B. Another system test cycle to verify defect resolution
- C. Acceptance testing to verify operational requirements

D. Acceptance testing to verify the business process

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 298

In addition to introducing the new team member, you have decided to raise motivation. Which of the measures listed below would be the best measure to take in order to increase the motivation of the team? 2 credits

A. Introduce entry criteria to the testing phase

B. Organize a meeting with senior management in which they address the importance of good testing for this project

C. Provide more time for testing in the schedule

D. Allow people to take some time off

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 299

Which is not a major task of test implementation and execution?

A. Checking test logs against the exit criteria specified in test planning.

B. Logging the outcome of test execution and recording the identities and versions of the software under test, test tools and test ware.

C. Develop and prioritizing test cases, creating test data, writing test procedures and optionally, preparing test harness and writing automated test scripts.

D. Verifying that the test environment has been set up correctly.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 300

What is the value of static code analysis?

A. Detection of suspicious operations caused by deviations from regulations

B. Early defect detection

C. Detect deviations in standards by executing the source code

D. Detection of failures not easily found by other types of testing

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 301

Which of the following is least likely to be used as a technique to identify project and product risks? 1 credit

A. Independent assessments

B. Inspections

C. Brainstorming

D. Expert interviews

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 302

Which of the following would you expect to see in the master test plan? 1 credit

- A. A detailed identification of the resources that will carry out structural testing in the first iteration.
- B. A list of the names of the testers who will carry out the performance testing for the final iteration.
- C. A description of how the test cases are cross-referenced to requirements in the test management tool.
- D. The test approach that will be applied at system integration testing.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 303

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

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 304

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 305

Which THREE activities would be valid steps during the development of the test strategy?

- A. Define a master test plan template
- B. Issue the test strategy document for review
- C. Identify test staff members that will be involved in the system test
- D. Understand the software development life cycle used by the software house
- E. Assess the testing that needs to be done to minimize the risks
- F. Define test career paths
- G. Perform a project risk analysis

Answer: B,D,E ([LEAVE A REPLY](#))

NEW QUESTION: 306

Which of the following statements are true?

- (i) Defects are likely to be found earlier in the development process by using reviews rather than static analysis.
- (ii) Walkthroughs require code but static analysis does not require code.
- (iii) Informal reviews can be performed on code and specifications.
- (iv) Dynamic techniques are generally used before static techniques.
- (v) Dynamic techniques can only be used after code is ready to be executed.

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

Answer: D ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

The other answers are incorrect because:

- (ii) Walkthroughs do not require code and static analysis does require code.
- (iv) Static techniques do not execute the code and therefore can be run before and after the code is ready for execution.

NEW QUESTION: 307

What is the value of static code analysis?

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 308

Which of the following is most likely to be performed by developers?

- A. Technical review of a functional specification.
- B. Walkthrough of a requirements document.
- C. Informal review of a program specification.
- D. Static analysis of a software model.

Answer: D ([LEAVE A REPLY](#))

Static analysis is done almost exclusively by developers. The other review types would be performed using a combination of developers, testers and other interested stakeholders.

NEW QUESTION: 309

Which THREE activities would be valid steps during the development of the test strategy?2 credits (2 out of 3 correct 1 credit)

- A. Issue the test strategy document for review
- B. Identify test staff members that will be involved in the system test
- C. Perform a project risk analysis
- D. Understand the software development life cycle used by the software house
- E. Define a master test plan template
- F. Assess the testing that needs to be done to minimize the risks
- G. Define test career paths

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 310

Reporting Discrepancies as incidents is a part of which phase:

- A. Test Closure Activities
- B. Test Implementation and execution
- C. Evaluating exit criteria and reporting
- D. Test Analysis and Design

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 311

Which of the following team roles would be most appropriate to enhance the team and why?

- A. A person with the ability to complete tasks
- B. A person with in-depth technical skills
- C. A quality assurance officer
- D. A person who brings new ideas to the team

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 312

Acceptance test cases are based on what?

- A. Design
- B. Requirements
- C. Code
- D. Decision table

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 313

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

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 314

System testing is:

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 315

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 316

Which of the following is not a type of incremental testing approach?

- A. Top down

- B. Functional incrementation.
- C. Big-bang
- D. Bottom up

Answer: C ([**LEAVE A REPLY**](#)**)**

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NEW QUESTION: 317

Part of the testing strategy indicates that you are going to be using systematic test design techniques. Your manager has asked that you present the main advantages of using these techniques at the next board meeting. Identify THREE main benefits of using systematic test design techniques within this company.

- A. Easier to quickly adapt testing to changing requirements compared to experienced-based testing
- B. Targets certain types of faults
- C. Will guide experienced testers to find defects
- D. Provides a way to differentiate depth of testing based on product risks by using different techniques
- E. More enhanced documentation and therefore higher repeatability and reproducibility
- F. Will make non-systematic testing redundant
- G. Will reduce the need for early reviews

Answer: B,D,E ([**LEAVE A REPLY**](#)**)**

Explanation/Reference:

Testlet 1

For the first increment of the new enterprise HR product you have performed a product risk analysis using the FMEA method. Five risk items have been identified and the likelihood and impact have been scored using scoring tables. This has resulted in the following scores:

NEW QUESTION: 318

How many test cases are necessary to cover all the possible sequences of statements (paths) for the following program fragment?

Assume that the two conditions are independent of each other : -if (Condition 1)then statement 1else statement 2if (Condition 2)then statement 3

- A. Not achievable
- B. 3 Test Cases
- C. 4 Test Cases
- D. 2 Test Cases

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 319

What is important to do when working with software development models?

- A. To choose the waterfall model because it is the first and best proven model.
- B. To only change the organization to fit the model and not vice versa.
- C. To adapt the models to the context of project and product characteristics.
- D. To start with the V-model and then move to either iterative or incremental models.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 320

During test process improvement it is recommended to use standards where possible.

Standards originate from various sources and they cover different subjects in relation to testing Pick TWO sources of software standards, useful to software testing from the ones mentioned below. 1 credit

- A. ISO 9126-1 'Software engineering- Product quality Part 1:

Quality model' is an international standard, that provides a basis on which to define quality assurance solutions.

- B. SY-395-01 'Standard for East Coast Hospital software' is a regional standard adapted from a national one. Besides hospital software, this standard ought to be used also by other types of software system in the region.

- C. IEEE 829 'standard for software test documentation' is an international standard to be following mandatory by all testing origination regardless of lifecycle models.

- D. ISA 4126-1 'Software engineering- Product quality Part 1:

Quality model' is an international standard, that provides a basis on which to define quality assurance solutions.

- E. BS-7925-2 'Software testing. Software component testing is a national standard used internationally. It covers a number of testing techniques that may be useful both on component testing level and on system testing level.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 321

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

- A. Statement Coverage
- B. Error Guessing

C. Equivalence Partitioning

D. Decision Coverage

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 322

Which of the following statements BEST describes the difference between testing and debugging?

A. Testing pinpoints (identifies the source of) the defects. Debugging analyzes the faults and proposes prevention activities.

B. Testing removes faults. Debugging identifies the causes of failures.

C. Dynamic testing shows failures caused by defects. Debugging finds, analyzes, and removes the causes of failures in the software.

D. Dynamic testing prevents causes of failures. Debugging removes the failures.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 323

What would be a test approach regarding the test design techniques to be applied that would fit an item with the highest risk? 2 credits

A. Component testing: decision testing; System testing: exploratory testing

B. Component testing: decision testing; System testing: decision table testing

C. Component testing: statement testing; System testing: equivalence partitioning

D. Component testing: statement testing; System testing: decision table partitioning

Answer: ([SHOW ANSWER](#))

Topic 6, Scenario 6, V4 "Independent Test Team"

You have for a while been trying to hire a second test automation specialist for your test team. However, you did not have any luck in finding a suitable candidate. So now, you have been asked by IT management of XYZ to forward a proposal with alternative solutions for building an automated regression test suite at system test level over a period of 2 years including needed training and eventual handover to the test team.

NEW QUESTION: 324

What factors should be considered to determine whether enough testing has been performed?

(i) The exit criteria.

(ii) The budget.

(iii) How big the test team is.

(iv) The product's risk profile.

(v) How good the testing tools are.

(vi) Sufficient details of the system status to allow decisions

A. i and ii and v and vi

B. i and ii and iv and vi

- C. i and ii and iii and vi
- D. ii and iii and iv and v

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 325

One Key reason why developers have difficulty testing their own work is:

- A. Lack of training
- B. Lack of technical documentation
- C. Lack of test tools on the market for developers
- D. Lack of Objectivity

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 326

Select THREE issues from the options provided that should at least be raised.

- A. How will the implementation be organized?
- B. What are the problems we are trying to address?
- C. Do we have a set of tool requirements to validate the tool against?
- D. Has there been sufficient comparison of tools?
- E. Is customized training available?
- F. Which project will be selected to perform the tool pilot?
- G. How will the change process be managed?

Answer: B,C,D ([LEAVE A REPLY](#))

NEW QUESTION: 327

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

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 328

Which aspect in the test estimate is the main risk in this project? 1 credit

- A. Availability of end-users
- B. Quality of the specification
- C. The costs of hardware and tools
- D. Unknown input quality due to third party development

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 329

Which of the following are most likely to be used when developing a test strategy or test approach?

- (i) Failure-based approach
- (ii) Test specification approach
- (iii) Model-based approach
- (iv) Finance-based approach

A. (i) and (iv)

B. (i) and (iii)

C. (ii) and (i)

D. (iii) and (ii)

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 330

Which of the following are aids to good communication, and which hinder it?

- i. Try to understand how the other person feels.
- ii. Communicate personal feelings, concentrating upon individuals.
- iii. Confirm the other person has understood what you have said and vice versa.
- iv.

Emphasize the common goal of better quality.

v. Each discussion is a battle to be won.

A. (ii), (iii) and (iv) aid, (i) and (v) hinder.

B. (i), (iii) and (iv) aid, (ii) and (v) hinder.

C. (iii), (iv) and (v) aid, (i) and (ii) hinder.

D. (i), (ii) and (iii) aid, (iv) and (v) hinder.

Answer: (SHOW ANSWER)

NEW QUESTION: 331

As a result of the RAD based development approach, the test manager has decided to change the risk mitigation approach. Which test technique might be most appropriate to use? 2 credits

A. Boundary Value Analysis

B. Exploratory Testing

C. Error Guessing

D. Decision Table Testing

Answer: (SHOW ANSWER)

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NEW QUESTION: 332

Which of the following BEST defines static techniques? [K1]

- A. Automated analysis of the code or project documentation
- B. Manually examining the code or project documentation
- C. Manual examination and automated analysis of code or project documentation
- D. Executing the software work product

Answer: (SHOW ANSWER)

NEW QUESTION: 333

Statement Coverage will not check for the following:

- A. Unused Branches
- B. Unused Statement
- C. Dead Code
- D. Missing Statements

Answer: D (LEAVE A REPLY)

NEW QUESTION: 334

The business has asked for a weekly progress report. Which of the following would be appropriate as a measure of test coverage? 2 credits

- A. Percentage of business requirements exercised
- B. Percentage of planned hours worked this week
- C. Percentage of countries that have test scenarios
- D. Percentage of test iterations completed

Answer: A (LEAVE A REPLY)

Topic 19, Scenario 11 "Incident Management"

The following is the current incident handling process in used at the company.

Step 1: Incident is documented in the incident Tile with the following information:

- Software module or area where the fault occurred
- Who has reported the fault
- Hardware configuration used for the test that found the fault
- The sequential incident number (1 greater than the last one recorded)

Step 2: Developer assigned to fix the fault Step 3: Developer fixes the fault Step 4:

Developer signs off the incident as closed, and it is then removed from the incident file

NEW QUESTION: 335

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

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

Answer: C ([LEAVE A REPLY](#))

Explanation

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