Consider the following decision table for Car rental

Conditions	Rule 1	Rule 2	Rule 3	Rule 4
Over 23?	F	T	T	T
Clean driving record?	Don't care	F	T	T
On business?	Don't care	Don't care	F	T
Actions				
Supply rental car?	F	F	T	T
Premium charge	F	F	F	T

Given this decision table, what is the expected result for the following test cases?

20

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of 1.00

Why is it necessary to define a Test Strategy?

Select one:

○ a. Starting testing without prior planning leads to chaotic and inefficient test project

○ b. As there are many different ways to test software, thought must be given to decide what will be the most effective way to test the project on hand.

○ c. Software failure may cause loss of money, time, business reputation, and in extreme cases injury and death. It is therefore critical to have a proper test strategy in place

○ d. A strategy is needed to inform the project management how the test team will schedule the test-cycles

Error guessing is best used

Select one:

○ a. By inexperienced testers

○ b. As the first approach to deriving test cases

○ c. After the system has gone live

○ d. After more formal techniques have been applied

Which activity in the fundamental test process includes evaluation of the testability of the requirements and system?

Select one:

○ a. Test implementation

○ b. Test Analysis

○ c. Test Control

○ d. Test Design

Next

A test team consistently finds between 90% and 95% of the defects present in the system under test. While the test manager understands that this is a good defect-detection percentage for her test team and industry, senior management and executives remain disappointed in the test group, saying that the test team misses too many bugs. Given that the users are generally happy with the system and that the failures which have occurred have generally been low impact, which of the following testing principles is most likely to help the test manager explain to these managers and executives why some defects are likely to be missed?

Select one

O a. Exhaustive testing is impossible

O b. Pesticide paradox

O c. Defect clustering

O d. Absence-of-errors fallacy

You and the project stakeholders develop a list of product risks and project risks during the planning stage of a project. What else should you do with those lists of risks during test planning?

Select one:

○ a. Obtain the resources needed to completely cover each product risk with tests and transfer responsibility for the project risks to the project manager.

○ b. Determine the extent of testing required for the product risks and the mitigation and contingency actions required for the project risks

○ c. Execute sufficient tests for the product risks, based on the likelihood and impact of each product risk and execute mitigation actions for all project risks

○ d. No further risk management action is required at the planning stage
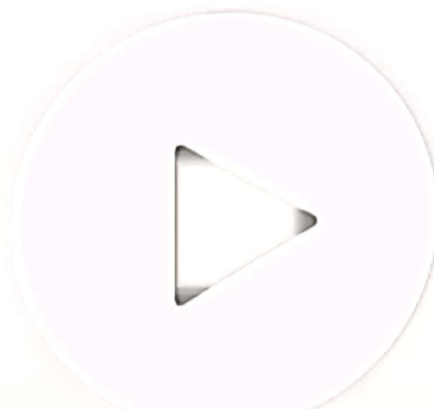
○ e. All of the above

The inputs for developing a test plan are taken from

Select one

- a Support plan
- b Test Plan
- c Project plan

What is the purpose of test exit criteria in the test plan?

Select one

○ a. To know when a specific test has finished its execution

○ b. To specify when to stop the testing activity

○ c. To set the criteria used in generating test inputs

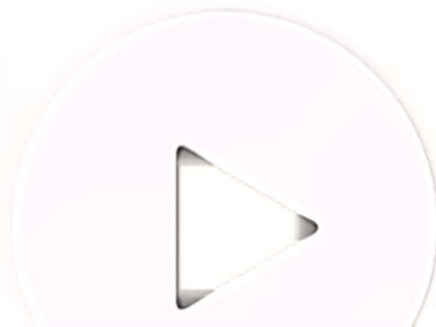○ d. To ensure that the test case specification is complete

on 35

answered

out of 1 00

question

Who is your lab instructor for this course?

Select one:

○ a. Hiskel

○ b. Neblat

○ c. Endrias

○ d. Tunga

Which of the following list contains only non-functional tests?

Select one:

○ a.

○ b. Usability testing, reliability testing, load testing

○ c. System testing, performance testing

○ d. Load testing, stress testing, component testing, portability testing

○ e. Interoperability (compatibility) testing, reliability testing, performance testing

Consider the following statements

i. 100% statement coverage guarantees 100% branch coverage.

ii. 100% branch coverage guarantees 100% statement coverage.

iii. 100% branch coverage guarantees 100% decision coverage.

iv. 100% decision coverage guarantees 100% branch coverage.

v. 100% statement coverage guarantees 100% decision coverage.

Select one:

○ a. ii is True; i, iii, iv & v are False

○ b. ii, iii & iv are True; i & v are False

○ c. i & v are True; ii, iii & iv are False

○ d. ii & iii are True; i, iv & v are False

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Which of the following statements about domain testing is not true?

Select one:

○ a. The OFF point is outside when the boundary is open

○ b. It is a black box testing techniques that can be applied to document specification

○ c. The method tests if each border has been implemented correctly and detects defects which are manifested as border shifts

○ d. It is a technique to find situations where boundaries have not been implemented correctly

Your tests achieved 50% decision coverage. What is a consequence of this fact?

Select one:

○ a. You achieved at most 50% statement coverage.

○ b. At least one executable statement was executed.

○ c. At least one decision had to be evaluated to FALSE.

○ d. Each decision was evaluated with at least one outcome.
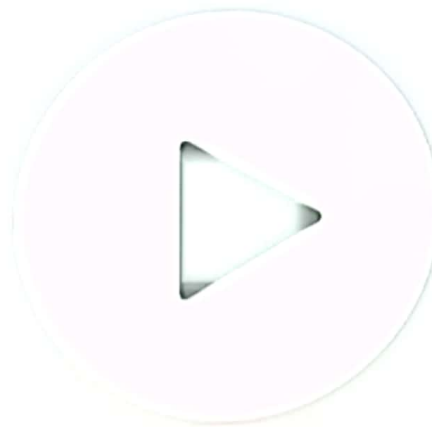
Question 25

Not yet answered

Marked out of 1.00

P Flag question

Which of the following could be used to assess the coverage achieved for specification based (black-box) test techniques?

V. Decision outcomes exercised

W. Partitions exercised

X. Boundaries exercised

Y. State transitions exercised

Z. Statements exercised

Select one

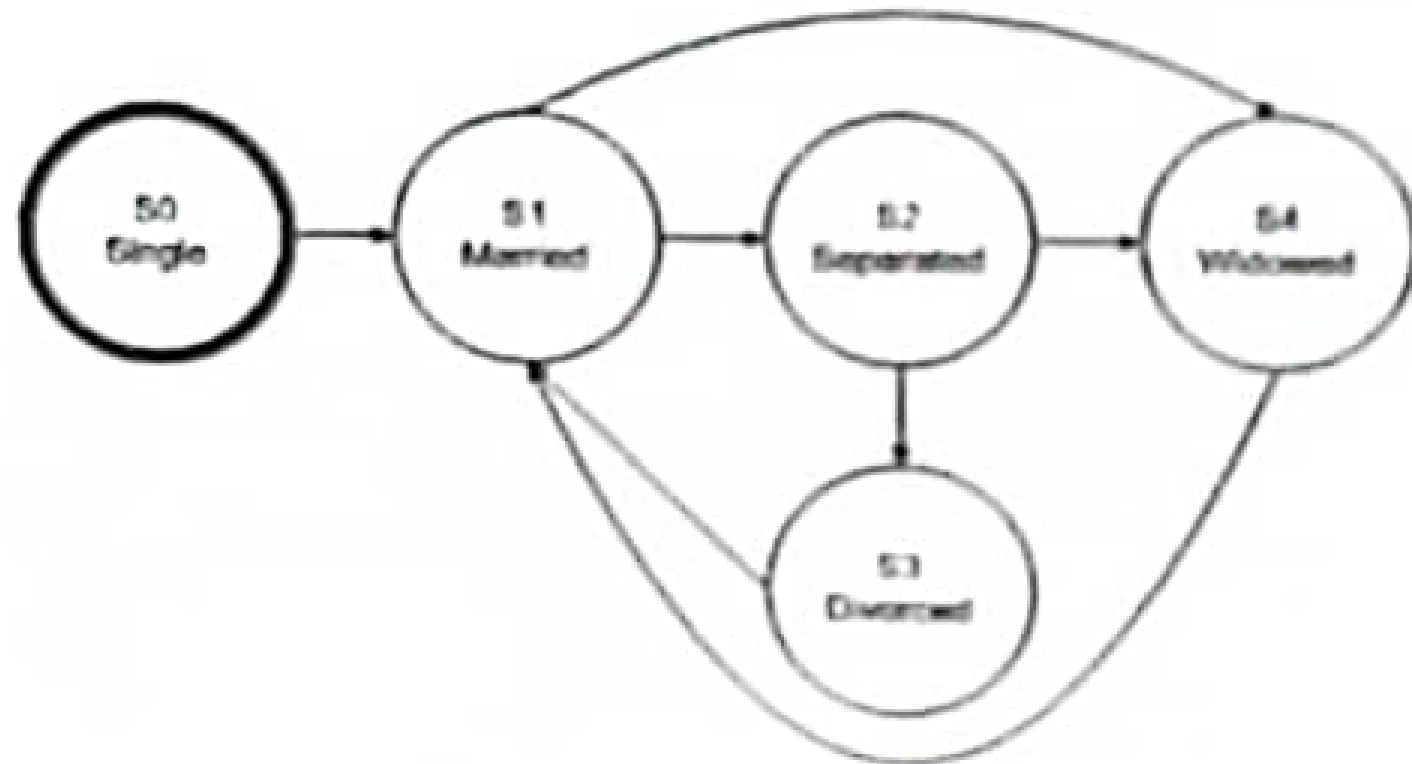○ a. W,X or Y

○ b. Y,W,Y or Z

○ c. V,X or Z

○ d. W,X,Y or Z

Which test suite will check for an invalid transition using the diagram below?

Select one

○ a. S0-S1-S2-S3-S1-S4

Which of the following is MOST characteristic of specification based (black-box) techniques?

Select one:

○ a. Test cases are derived systematically from models of the system

○ b. Test cases are independent of each other.

○ c. Test cases can be easily automated.

○ d. Test cases are derived systematically from the delivered code.
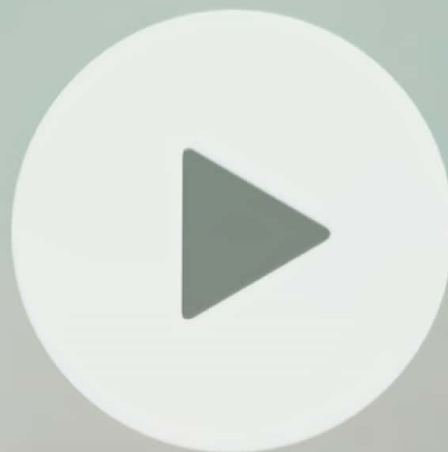
Next

Question 28

Not yet answered

Marked out of 1.00

🚩 Flag question

In a system designed to work out the tax to be paid: An employee has $4000 of salary tax free. The next $1500 is taxed at 10% The next $28000 is taxed at 22% Any further amount is taxed at 40% Which of these is a valid Boundary Value Analysis test case?

Select one

- ○ a. $32001
- ○ b. $1500
- ○ c. $28000
- ○ d. $33501
- ○ e. None of the above

Next

AAiT Learning Management System

Question 22

Not yet answered

Marked out of 1.00

⚑ Flag question

Purchase discount is 0% for up to 500 EGP. 5% is added for each additional 500 EGP up to 2000 EGP, and 25% is applied for above 2000 EGP. Which test inputs in EGP would be selected for equivalence partitions?

Select one:

○ a. -250, 700, 1400, 1800, 4000

○ b. 250, 1000, 3000

○ c. 200, 720, 1600, 1800, 2100

○ d. -100, 250, 650, 1300, 1700, 2900

○ e. None of the above

29

In a flight reservation system, the number of available seats in each plane model is an input. A plane may have any positive number of available seats, up to the given capacity of the plane.

Using Robust Boundary Value analysis, a list of available – seat values were generated. Which of the following lists is correct?

Select one:

- a. 0, 1, capacity, capacity plus 1
- b. 1, 2, capacity -1, capacity, capacity plus 1
- c. 0, 1, 2, capacity plus 1, a very large number

Question 30

Not yet answered

Marked out of 1.00

⚑ Flag question

Statement Coverage will not check for the following.

Select one.

○ a. Unused Branches

○ b. Unused Statement

○ c. Missing Statements

○ d. Dead Code

5 6

1 12

7 18

24

30

36

Next

Question 23

Not yet answered

Marked out of 1.00

⚑ Flag question

Which of the following statements is a valid objective for testing?

Select one

○ a. The test should start as late as possible so that development had enough time to create a good product

○ b. To prove that all possible defects are identified

○ c. To validate whether the test object works as expected by the users and other stakeholders

○ d. To prove that any remaining defects will not cause any failures

Next

Which option best describes objectives for test levels with a life cycle model?

Select one:

○ a. The objectives of a test level don't need to be defined in advance.

○ b. Each level has objectives specific to that level.

○ c. Objectives should be generic for any test level.

○ d. Objectives are the same for each test level.

Question 6

Not yet answered

Marked out of 1.00

Flag question

A number of critical bugs are fixed in software. All the bugs are in one module, related to reports. The test ma do regression testing only on the reports module.

Select one:

○ a. The test manager should only do confirmation testing. There is no need to do regression testing

○ b. The test manager is justified in her decision because no bug has been fixed in other modules

○ c. The test manager should do only automated regression testing

○ d. Regression testing should be done on other modules as well because fixing one module may affect othe

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40		

Finish attempt

Time left 0:22:22

Next

tempt

0:32:21

Question 7

Not yet answered

Marked out of 1.00

⚑ Flag question

Which of these statements about functional testing is true?

Select one:

○ a. Functional testing is more powerful than static testing as you actually run the system and see what happens

○ b. Structural testing is more important than functional testing as it addresses the code

○ c. Inspection is a form of functional testing

○ d. Functional testing is useful throughout the life cycle and can be applied by business analysts, testers, developer users.

Next

Which of the following are part of ISTQB code of ethics?

I   Certified software testers shall advance the integrity and reputation of the profession consistent with the public interest

II   Certified software testers shall always sign a NDA (Non Disclosure Agreement) in presence of customer data

III   Certified software testers shall maintain integrity and independency in their professional judgment

IV   Certified software testers shall act in a manner that is in the best interests of their client and employer, consistent with the public interest

Select one

○ a   I II IV

○ b   I III IV

○ c   I III IV

○ d   I II III

Why is testing necessary?

Select one

- ○ a. Because testing measures the quality of the software system and helps to increase the quality
- ○ b. Because testing finds more defects than reviews and inspections.
- ○ c. Because verification and validation are not enough to get to know the quality of the software
- ○ d. Because testing is good method to make there are not defects in the software

What is the main difference between a walkthrough and an inspection?

Select one

- a. Authors are not present during inspections, whilst they are during walkthroughs.
- b. An inspection is led by the author, whilst a walkthrough is led by a trained moderator
- c. A walkthrough is led by the author, whilst an inspection is led by a trained moderator
- d. An inspection has a trained leader, whilst a walkthrough has no leader

Question 18

Not yet answered

Marked out of 1.00

☐ ⚑

A test design technique is

Select one

○ a. A process for selecting test cases

○ b. A process for determining expected outputs

○ c. A way to measure the quality of software

○ d. A way to measure in a test plan what has to be done

In what way can testing be part of Quality Assurance

Select one

O a.

It ensures that requirements are detailed enough

O b

It ensures that standards in the organization are followed

O c

It measures the quality of software in terms of number of executed test cases

O d

Testing reduces the risk of poor software quality

Question 2

Consider the following list of test process activities

I Analysis

II Test Completion

III Execution

IV Planning

V. Implementation

Which of the following places these in their logical sequence

Select one

○ a. I, II, III, IV and V.

○ b. IV, I, V, III, and II.

○ c. IV, I, V, II, and III

○ d. I, IV, V, III, and II

4	5	6
6	11	12
5	17	18
	23	24
	29	30
	35	36

Question 3

Not yet answered

Marked out of 1.00

🚩 Flag question

Which test levels are USUALLY included in the common type of V-Model

Select one:

○ a. Alpha testing, beta testing ,black-box testing, and white box testing

○ b. Integration testing, system testing, acceptance testing , and regression testing

○ c. Incremental testing, exhaustive testing, exploratory testing, and data driven testing

○ d. Component testing, integration testing, system testing, and acceptance testing

Next

Which of the following statements is true about a software verification and validation program?

I   It strives to ensure that quality is built into software.

II   It provides management with insights into the state of a software project.

III   It ensures that alpha, beta, and system tests are performed

IV   It is executed in parallel with software development activities.

Select one:

○ a. II, III & IV

○ b. I, II & III

○ c. I, III & IV

○ d. I, II & IV

○ e. I, III & IV

Which of the following statements regarding static testing is false

Select one:

- ○ a. Static testing should be used before dynamic testing
- ○ b. Static testing requires the running of tests through the code
- ○ c. Static testing includes techniques such as reviews and static analysis
- ○ d. Static testing can give measurements such as "number of lines of code"

Reviews, static analysis and dynamic testing have the same objective

Select one.

○ a. Reducing development time

○ b. Identifying defects and fixing defects.

○ c. Fixing defects.

○ d. Identifying defects.

In which order should tests be run?

Select one

○ a. The most important tests first

○ b. The order they are thought of

○ c. The easiest tests first(to give initial confidence)

○ d. The most difficult tests first(to allow maximum time for fixing)

Next

For a test procedure that is checking modifications of customers on a database, which two steps below would be the lowest priority if we didn't have time to execute all of the steps?

1 Open database and confirm existing customer

2 Change customer's marital status from single to married

3 Change customer's street name from Parks Road to Park Road

4 Change customer's credit limit from 500 to 750

5 Replace customer's first name with exactly the same first name

6 Close the customer record and close the database

Select one

○ a Tests 1 and 4

○ b Tests 2 and 3

○ c Tests 5 and 6

○ d Tests 3 and 5

Question 14

Not yet answered

Marked out of 1.00

Which of the following is not the benefits of review?

Select one:

○ a. Lifetime cost reductions

○ b. Reduced fault levels

○ c. Reduced development time-scales

○ d. Reduced testing time and cost

○ e. None of the above

Next

Find the correct flow of the phases of a formal review

Select one

○ a. Planning, Initiate Review, Individual preparation, Fixing and Reporting, Issue communication and analysis

○ b. Planning, Individual preparation, Initiate Review, Issue communication and analysis, Fixing and Reporting

○ c. Planning, Initiate Review, Individual preparation, Issue communication and analysis, Fixing and Reporting

○ d. Planning, Individual preparation, Initiate Review, Fixing and Reporting, Issue communication and analysis

Which statement about expected outcomes is FALSE?

Select one

- a Expected outcomes are derived from a specification, not from the code
- b Expected outcomes are defined by the software's behavior
- c Expected outcomes may include timing constraints such as response times
- d None of the above