The Most In-Demand ISQI CTAL-TA_Syll2019 Pass Guaranteed Quiz [Q23-Q40
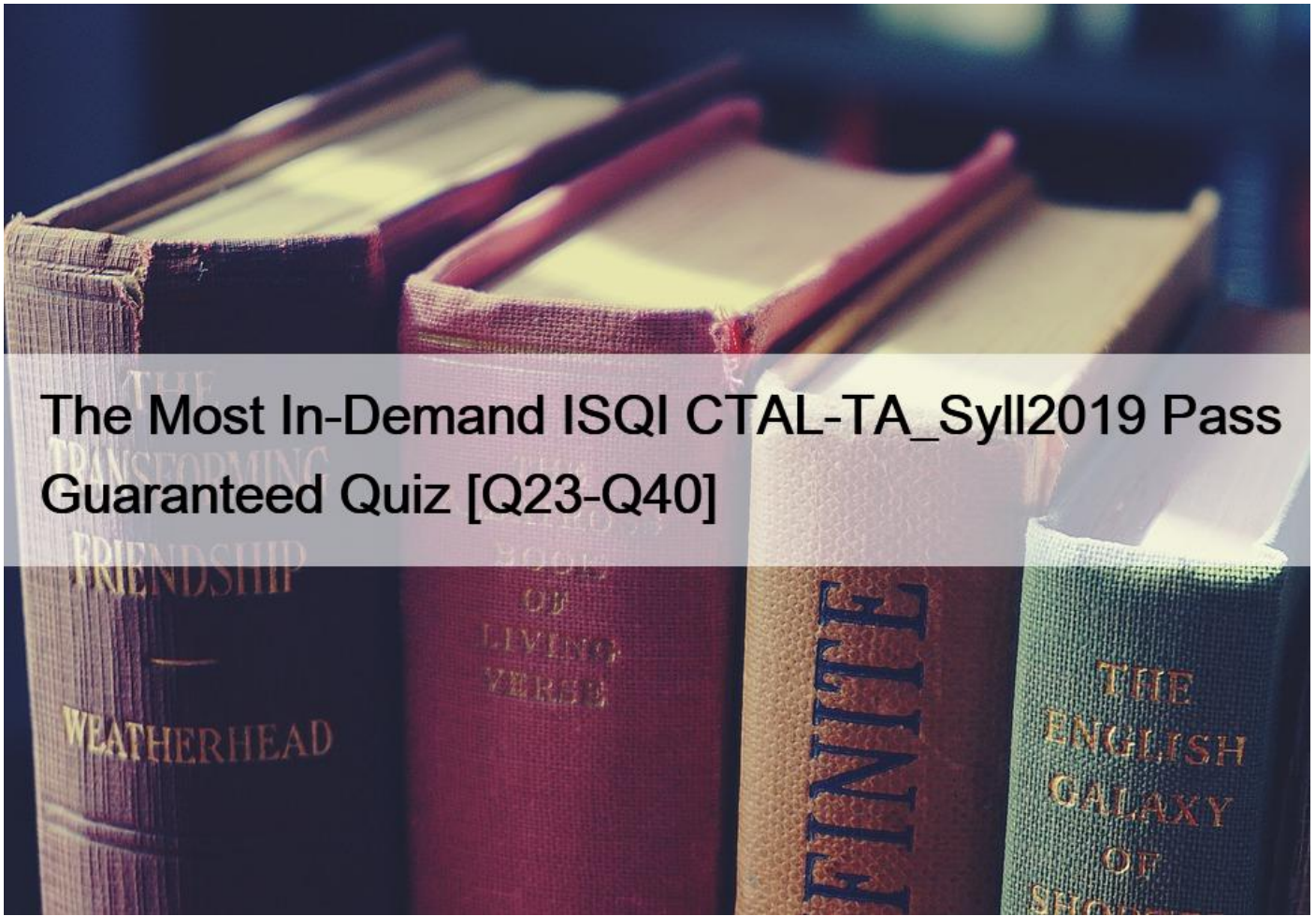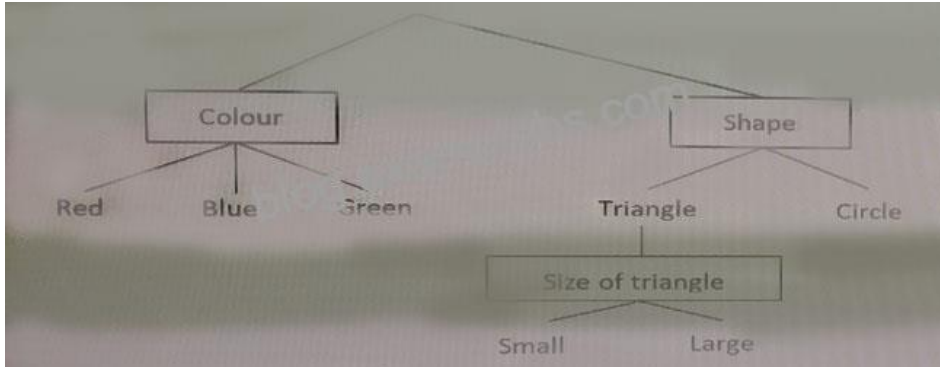

The Most In-Demand ISQI CTAL-TA_Syll2019 Pass Guaranteed Quiz New Version CTAL-TA_Syll2019 Certificate & Helpful Exam Dumps is Online NO.23 A PIN entry component of an ATM system has been developed using the following state table:

	Insert Card	Enter Pin	Valid Pin	Invalid Pin
S1) Start State	S2	-	-	-
S2) Wait for PIN	-	S3	-	-
S3) 1st try	-	-	S6	S4
S4) 2nd try	-	-	S6	S5
S5) 3rd try	-	-	S6	S7
S6) Access account	-	-	-	-
S7) Eat card	-	-	-	-

Using the state transition test technique, how many 0-switch test cases are needed to achieve 100% 0-switch coverage?
* 4
* 7
* 8
* 28

NO.24 Based on the classification tree shown below, using the pairwise testing technique how many test cases are required to test all pairs?

* 3
* 8
* 9
* 12

NO.25 How many cases are required to test the tax system specification as described below, using a decision table which is not collapsed?

Tax system

A tax system needs to be updated due to new legislation. For a person with a salary of less than ? 20.000 and who is married, the tax needs to be recalculated. If the person also has more than two and less than five children, an additional 10% reduction is applicable.
* 2
* 4
* 6
* 8

NO.26 You are testing an ATM based on the following use

ATM start screen is showing

1. The user inserts card

2. The user types in PIN

3 The user selects cash with receipt’

4. The user selects ?50

5. The user selects no further service’ Expected results

– The ATM provides ?50 to the user

– The ATM returns the card and balance slip

– The ATM clears the screen

– The ATM returns to start menu

You are asked to review this use case.

You are asked to review this use case.

What is the most important information that is missing from this use case?
* Nothing has been defined for expected response times.
* The use case should also include alternative behaviour.
* More test cases are needed to achieve the minimum acceptable level of coverage.
* Expected results not clearly defined

NO.27 A new web site must operate correctly with different browsers (Internet Explorer, Google Chrome, Firefox, Opera, Safari), using different plug-ins (Realplayer, Mediaplayer), will be receiving pages from different servers (IIS, Apache and WebLogic) and will be running on various operating systems (Windows, Android, iOS and Linux).

Which of the following test techniques should you use to define the required test cases for testing this new web site in its variousenvironments?
* Pairwise testing
* Exploratory testing
* Use case testing
* Decision table testing

NO.28 company in the medical domain has adopted methodical testing as its preferred test strategy Before being able to release to the market an external audit on the test process is mandatory. The test team consists of a mix of highly experienced domain-based testers and junior testers who only recently joined the company.

What is the BEST option regarding the level of detail and documentation required for test cases in the project?
* Low-level test cases since this will support both the external audit and the new junior testers.
* High-level test cases since this is consistent with the chosen test strategy
* Low-level test cases since it will make the process more effective and it will make the best use of the knowledge and skills of the experienced domain testers.
* High-level test cases since it will make the process more effective and it will make the best use of the knowledge and skills of the experienced Idomain testers.

NO.29 When preparing test cases for an interoperability test, not all interactions may be clearly specified in the requirements documents. Which type of document is typically also used by a Test Analyst as the test basis for interoperability testing?
* User stories
* Component specifications
* Functional specifications
* System architecture document

NO.30 REQ1 a sun cancer warning system shall produce a daily score sheet based on the number of hours expose to the sun and the intensity of sun radiation.

REQ2 The number of hours exposed to the sun shall be categorized in A (below 2), B (2 to 4 hours) or C (more than 4 hours) REQ3 The intensity of sun radiation shall be labelled as low, medium, high, or extreme.

Based on the requirements stated above a Test Analyst has defined the following three test cases:

How many test conditions to be identified from requirements REQ2 and REQ3, are NOT covered by the three test cases:

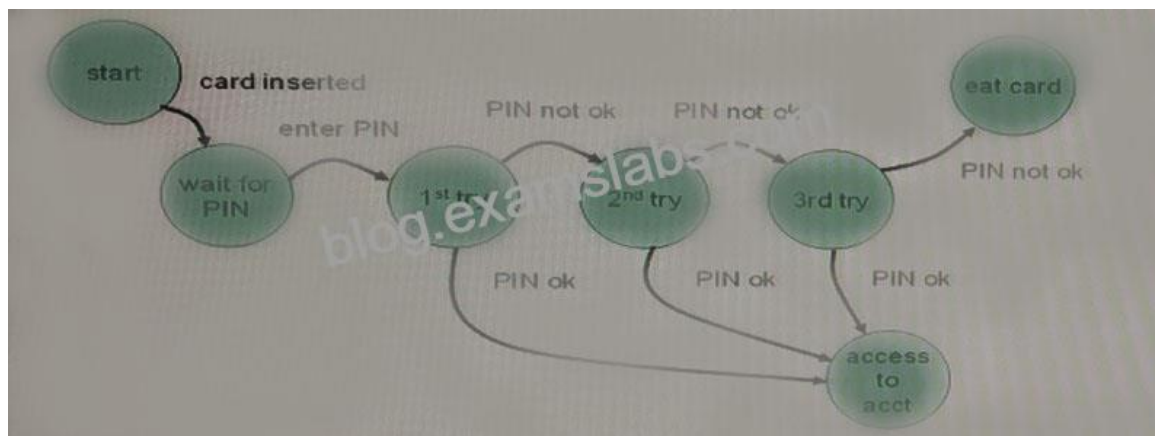|	Hour exposed to the sun	Sun intensity
TC 1	1.5	Low
TC 2	6.0	Medium
TC 3	1.0	low

* 3
* 4
* 6
* 8

NO.31 A car navigation system needs to be integrated in the overall car software It is important to verify that the car navigation is functioning correctly onceintegrated. Thus functional correctness is considered to be important.

Which of the following techniques is most likely to support the required functional correctness testing?
* State transition testing
* Multiple condition testing
* Vulnerability scan
* Heuristic evaluation

NO.32 Based on the system state transition diagram of an ATM system shown below, using the state transition test technique which of the following is an example of a test case required to achieve 1-switchcoverage?

* 1 st try-> 2nd try

* 1 st try -> 2nd try -> 3rd try
* 1st try -> 2nd try -> eat card
* 1 st try -> 2nd try -> 3rd try -> access to act

NO.33 Although usability is an important aspect for a new planning system, due to availability constraints, the usability evaluation shall be performed without Which of the following is a usability technique that can be applied in this situation?
* Usability review, e.g., heuristic evaluation
* Usability prototyping
* Usability survey
* Usability lab sessions

NO.34 Consider the following decision table:

	1	2	3	4	5	6	7	8
C1	1	1	1	1	0	0	0	0
C2	1	1	0	0	1	1	0	0
C3	1	0	1	0	1	0	1	0
A1	X	X						
A2	X							

This decision table has been created to test the following specification: Persons that study at a university (C1) and have parents whose total annual income is less than ? 30.000 (C2), receive a scholarship In in addition to these qualifications, if they also live away from home (C3), they receive an addition to their scholarship (A2) How many cases are left when this decision table is collapsed?
* 1
* 2
* 4
* 5

NO.35 Asa Test Analyst, you have been given a set of requirements that have been defined for the payment module of a new public transport system The set includes the following requirements:

P101 The product shall calculate the lowest fare for the destination considering day of week and time, (priority: medium) P102 The product shall compare the traveler’s payment with the calculated payment (priority: high) P103 The product shall provide feedback if the payment is not sufficient (priority: high) P104 The product will process payments within 20 seconds at all priority 1 stations during peak hours (priority high) Which set of requirements will typically be tested by a Test Analyst?
* P101,P102, P103
* P101, P102, P104
* P101, P103, P104
* P102, P103, P104

NO.36 Consider the following requirement:

The system shall allow cash advances of at least 200 Euros for all supported credit cards The following credit cards are supported-American Express, Diners, VISA, Mastercard and Eurocard.

The requirement has been identified as business critical.

The following test conditions have been derived:

1. The system shall allow cash advances of at least 200 Euros

2. It shall support American Express, Diners, VISA, Mastercard and Eurocard.

Assume you are following a risk-based testing strategy, where likelihood and impact are both assessed on a five-point scale ranging from very low to very high The requirement R1 was identified as a risk item during the quality risk analysis process. In total 20 risk items were identified during thisprocess Assume that technical project stakeholders have assessed the likelihood of the requirementR1 risk item at a medium levelGiven only the information above, which of the following statements is true?

* The test cases associated with requirement R1 shall be run first in the test execution period
* The test cases associated with requirement R1 must be run towards the middle of the test execution period.
* A large number of test cases should be designed for requirement R1, based on impact
* The risk impact for requirement R1 should be categorized as high or very high

NO.37 In the recent past, you have learned that test automation just using capture & playback tooling, possibly enhancedwith some test programming, haslimitations. For the next banking project, that will be run using Agile methods, you want to implement a keyword-driven test automation approach. Youhave already started to define some high-level test cases for the account transfer user story:

TC 1 transfer ? 150 from Lars to Ann, verify Ann’s balance to be ? 150

TC 2 transfer ? 300 from Tim to Ann, verify Ann’s balance to be ? 450

In the context of implementing the keyword-driven test automation approach, which of the following activities should now be conducted by the Test Analyst?

* Define keywords to be implemented, eg, check balance.

B Design test navigation scripts.
* Select a tool to support keyword-driven testing
* Work together with a developer to define a test automaton architecture

NO.38 What are ways in which classification trees support the application of pairwise testing?

a. They help to identify inputs to be used by the pairwise test technique b. They show the combinations needed to cover all-pairs c.They help to identify particular combinations of interest d. They show both typical and atypical behavior e.They show the expected results for the various test cases

* b and c
* b, d and e
* a, b and c
* c and e

ISQI CTAL-TA_Syll2019 Exam Syllabus Topics:

TopicDetailsTopic 1- Using test techniques to design test cases and sets of test cases that cover the identified test conditions- Perform tasks associated with risk-based testingTopic 2- Traceability for each requirement from business- marketing requirements- Project management-schedule inputTopic 3- Identifying necessary test data to support test conditions and test cases- Software maintenance-defect management, turn around timeTopic 4- Identify problems in a user story according to checklist information provided in the syllabus- Testing in the Software Development LifecycleTopic 5- Identify problems in a requirements specification according to checklist information provided in the syllabus- Software development-notifications of defects foundTopic 6- Determining in which test area slow-level or high-level test cases are appropriate- Configuration and change management-build verification testing, version controlTopic 7- Capture bi-directional traceability between each element of the test basis and the associated test conditions- Identify defects of various types in the test basis

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