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ISTQB Certified Tester Advanced Level - Test Analyst [Syllabus 2012]

iSQI CTAL-TA_Syll2012

Version Demo

Total Demo Questions: 10

Total Premium Questions: 62

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Topic Break Down

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QUESTION NO: 1

Which of the following comments would be the MOST important one you would make?

[K3] 2 credits

A. Description of flow is not detailed enough

B. Specific characteristics of actor(s) are missing

C. No usability acceptance criteria

D. User tasks not defined

ANSWER: B

QUESTION NO: 2

You are starting to review some of the incident reports that have been submitted as a result of test execution.

Description	*Strange tab behaviour and wrong error message*	Date	*12 August 2009*
Tester	*Mr. Bug*	Priority	*Medium*
Test case ID	*02.05*	Severity	*Low*

Which THREE of the comments would be your main findings when you have reviewed the following incident report?

[K4] 3 credits, 2 out of 3 correct 1 credit

A. Should have been two defect reports

B. Ambiguous description

C. Both severity and priority do not make sense

D. Actual cause is missing

E. Reproducibility is not indicated

F. Defect type is missing

G. Date to be fixed not defined

ANSWER: A B E

QUESTION NO: 3 - (FILL BLANK)

Ken, an entrepreneur in Leeds finds the quality of the tea locally available so low, that he decides to research superior teas around the world. He decides to market, sell and distribute these superior teas via the web. His market strategy is to offer superior products on a well-designed website with graphics that are fast to load, has high availability, superior usability and fast response times.

The website will offer the following:

- An innovative interactive catalogue of teas, which not only enables customers to buy the product, but also enables them to provide feedback by rating the teas (which will influence his stock purchasing levels)

- Provide the customer with the ability to use secure credit card transactions

- Provide the customer to give general feedback

Ken selects an iterative model for the development of the prototypes. The team consists of three developers that are experienced in web development. Ken, although he doesn't have technical skillset, is concerned with quality. He doesn't believe a lot of documentation is necessary and he wants the website to be completed quickly.

The test basis contains the following:

- Story boards that show the information flow and page links through the site

- HTML pages developed to date.

- A statement of non-functional requirements.

With the strategy taking shape, Ken asks your advice on the specific testing techniques that should be used to complete the required testing, bearing in mind the nature of the application and the nature of Ken’s overall objectives.

ANSWER: null

QUESTION NO: 4

Which of the following is a type of testing that someone in the role of a test analyst, working with the test manager, should typically consider and plan for?

[K2] 1 credit

A. Security testing

B. Reliability testing

C. Accessibility testing

D. Performance testing

ANSWER: C

QUESTION NO: 5

While identifying scenario's for the use case "copy A4 – A4" for a new copier, the following scenario's were identified:

Basic scenario: single side to single side

Deviations: single side to double side, copy of a set, copy using the automatic document feeder

Failures: no paper in paper tray, paper jam, out of staples

During interviews with both development and end-users it has been established that the failure scenario's can occur during the basic scenario and during each of the deviations.

How many test cases will be needed to achieve full coverage both for valid and invalid situations?

[K3] 2 credits

A. 10

B. 12

C. 16

D. 20

ANSWER: C

QUESTION NO: 6

As part of defining an approach the usability, acceptance criteria need to be defined. Which of the following acceptance criteria would be appropriate for operability?

[K4] 3 credits

A. Percentage of participants who completed each task correctly

B. Mean extent to which each task was completely and correctly achieved, scored as a percentage

C. Mean time taken to complete each task (for correctly completed tasks)

D. SUMI user satisfaction score

ANSWER: C

QUESTION NO: 7 - (FILL BLANK)

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ANSWER: null

QUESTION NO: 8

A company wants to develop a web site to implement an on-line sales channel. The company has decided to do some usability testing, but resources are limited. The usability testing has therefore to be done as efficient as possible. Which THREE techniques would you recommend?

[K4] 3 credits, 2 out of 3 correct 1 credit

A. SUMI

B. Usability laboratory

C. Use case testing

D. Heuristic evaluation

E. Equivalence partitioning

F. Pairwise testing

G. Exploratory testing

ANSWER: A C D

QUESTION NO: 9

As a test analyst you are gathering data to support accurate metrics. Which of the following metrics would be MOST appropriate to use to monitor product quality?

[K2] 1 credit

A. Defects found versus defects expected

B. Tests run and tests passed

C. Test resources spent versus budget

D. Compliance to entry criteria

E. Product risks outstanding and new risks introduced

ANSWER: A B E

QUESTION NO: 10

The use case will be used as a basis for the design of usability test scenario's. As a tester you are asked to review the ATM use case from the perspective of usability testing.

As a tester you are asked to review the ATM use case provided below. The use case will be used as a basis for functionality testing to be performed later.

System:	XYZ Bank ATM
Goal of test	The goal of this use case is to test the withdrawal of cash from the ATM
Description	**Context:** This is core functionality, so this is an important test of a frequent usage function
	Actors: Any user may use this function
Preconditions	The ATM is on and functional The user has a current debit card
Description of use case flow	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 returns the card, delivers £50 and a receipt, clears the screen and displays the start screen
Failure conditions	On screen instructions not clearly displayed On screen instructions not simple to follow Card not returned (see functional tests)
Additional attention points	Note response times

Which one of the comments, described hereafter, would be the MOST important one you would make?

[K3] 2 credits

A. Acceptance criteria not defined

B. Business priority is missing

C. Post condition not defined

D. Alternative flows are missing

ANSWER: D

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