ISTQB-BCS Certified Tester Advanced Level-Test Analyst (2012)

BCS TA12

Version Demo

Total Demo Questions: 10

Total Premium Questions: 60

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Topic Break Down

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QUESTION NO: 1

How many invalid test cases can be identified from the "Route Calculation" state table provided?

You may assume all actions are different and independent.

[K3] 3 credits

A. 6

B. 8

C. 102

D. 12

ANSWER: A

QUESTION NO: 2

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: 3

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.

We now make the assumption that in the scenario described as above, exploratory testing was selected as being the main test technique. You have now been given the task of specifying, executing and recording the exploratory test sessions.

Select TWO of the options below to define what you will typically use for specifying, executing and recording the sessions?

[K3] 2 credits

A. Record the results in email and send the email to the test manager.

B. Use external testers on the team to provide a new approach and fresh view to the testing effort.

C. Create test charters for planned test session.

D. Use debriefing sessions with stakeholders and other testers to discuss the findings and new risks identified.

E. Define concrete test cases to be executed by the developers.

ANSWER: C D

QUESTION NO: 4

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: 5

Your test team is currently executing interoperability testing. Consider the following excerpt from the failure description of an interoperability defect report:

1. Connect external camera to a Windows Vista PC.

2. Start the camera application on the PC. Application starts normally and recognizes connected camera.

3. Attempt to download the recorded data from the camera.

4. Data does not download.

5. Attempt to download the data three times. Data will not down—load.

Based on this information alone, which of the problems described hereafter exists in this defect report?

[K4] 3 credits

A. Lack of structured testing

B. Inadequate classification information

C. Insufficient isolation

D. Poorly documented steps to reproduce

ANSWER: B

QUESTION NO: 6

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Which TWO of the following items may more frequently need to be explained in greater detail for non-functional defect reports than for a functional defect report?

[K2] 1 credit

A. Expected results

B. Steps to reproduce the defect

C. Test data used to identify the fault

D. Level of load on the system at the time of failure

E. Actual results

ANSWER: A D

QUESTION NO: 7

A route calculation for a car navigation system has been developed using the following state table:

	Position	Velocity	Updated	No Signal
Displaying	Calculating	Calculating	-	Error
Calculating	-	-	Displaying	Error
Error	Calculating	-	-	-

How many test cases are needed to achieve 0-switch coverage?

[K3] 2 credits

A. 3

B. 6

C. 7

D. 12

ANSWER: B

QUESTION NO: 8

A temperature unit holds the temperature between 10 degrees Celcius and –10 degrees Celcius. If the temperature drops below –10 or rises above 10 then an alarm rings. Boundary Value Analysis tests are drawn up using the approach of two test cases per boundary. The temperatures to be tested are:

[K3] 2 credits

A. 11, 10, -11, -10

B. 11, 10, 9, -11, -10, -9

C. 11, 9, -9, -11

D. 10, 9, -9, -10

ANSWER: A

QUESTION NO: 9

In an organization using keyword-driven automation, which of the following activities typically is the responsibility of the test analyst?

[K2] 1 credit

A. Write the code to automate the key processes

B. Work with the users to define the key usability aspects of the software

C. Identify the key business processes that must be tested

D. Write manual tests for the key business processes that can then be automated

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ANSWER: C

QUESTION NO: 10

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