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Advanced Test Analyst

ISTQB ATA

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QUESTION NO: 1

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?

- 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: 2

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?

- 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: 3

Which of the following criteria on test progress would enable the business to determine a likely 'go live' date?

- (i) Number of tests planned versus number of tests executed
 - (ii) Number of high priority defects outstanding
 - (iii) The test team's timesheets in order to show how much effort has been devoted to testing
 - (iv) Number of tests passed and number failed
 - (v) Number of defects found in each development area
 - (vi) The rate at which defects are being found
- A. (ii), (iii), (iv)
 - B. (i), (iii), (v)
 - C. (i), (ii), (vi)
 - D. (iv), (v), (vi)

ANSWER: C

QUESTION NO: 4

A new web site must operate correctly with different browsers (Internet Explorer, Google Chrome, Firefox, Netscape, Mozilla), using different plug-ins (Realplayer, Mediaplayer), will be receiving pages from different servers (IIS, Apache and WebLogic) and will be running on various server operation systems (windows 2007, XP, Linux)

Which of the following test techniques will you use to test this new web site in its various environments?

- A. pairwise testing
- B. exploratory testing
- C. use case testing
- D. decision table testing

ANSWER: A

QUESTION NO: 5

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

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

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

- 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: 6

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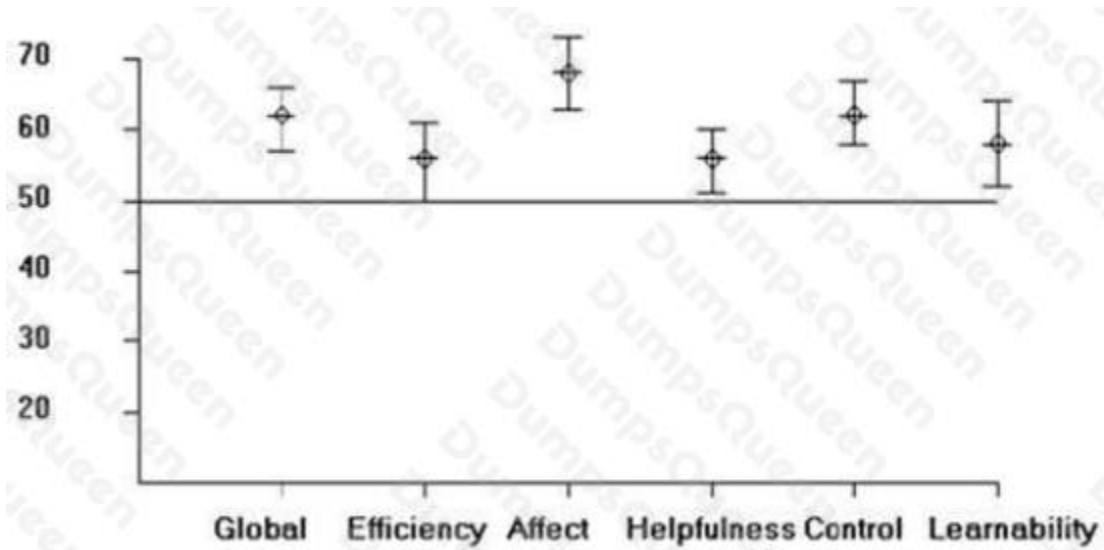
Which TWO of the following items may more frequently need to be explained in greater detail for non-functional defect reports than for a functional defect report?

- 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 SUMI test was performed at an early stage within the system test. Hereafter you find the results of the SUMI test.



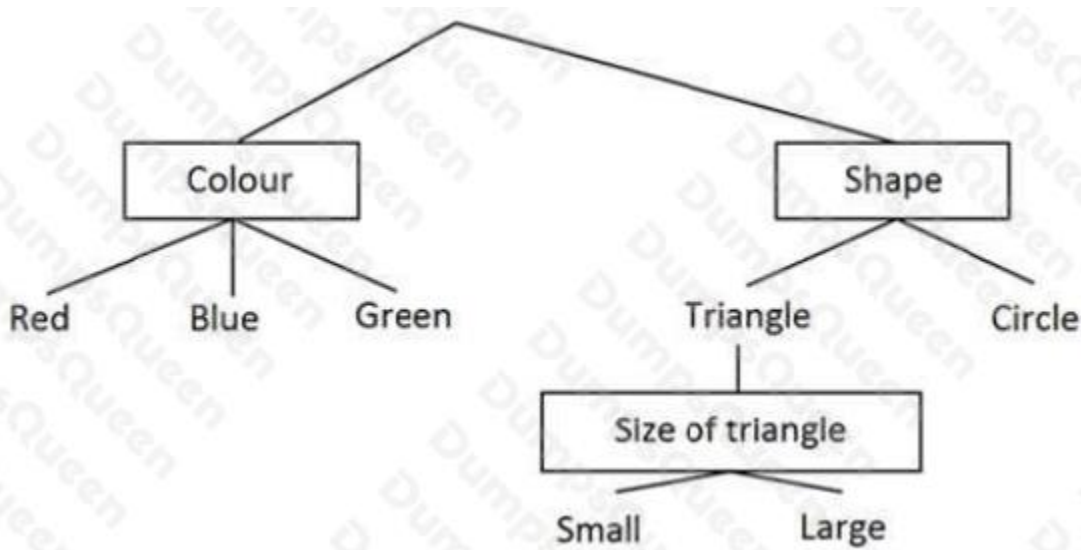
Based on these results, what would you recommend as the most appropriate approach for usability testing?

- A. Since the SUMI scores are largely above market average no further action on usability is needed
- B. Since the standard deviation of most SUMI scales is much too large, a new SUMI test must be performed
- C. Since the scores are not really showing a high level of user-satisfaction additional usability testing based on use case is needed
- D. Since the SUMI results do not provide details, an additional focused heuristic evaluation on the lower scales is recommended

ANSWER: D

QUESTION NO: 8

Based on the classification tree show below, how many test cases are required using the classification tree method?



- A. 2
- B. 3
- C. 4
- D. 6

ANSWER: B

QUESTION NO: 9

Consider the following description in a defect report “Nasty bug trashed contents of new file that I created by formatting some text in symbol font, wasting my time.”

Which TWO of the following comments would you immediately make based on the defect description above?

- A. Needs to be neutralized
- B. Steps to reproduce are unclear
- C. No attempt to isolate the defect
- D. More than one defect in one report
- E. Possible duplicate

ANSWER: A B

QUESTION NO: 10

To enhance both the effectiveness and efficiency of the test design phase the purchase of a test design tool is being considered. Which one of the statements hereafter best characterizes a test design tool?

- A. It validates models of the software
- B. It enables tests to be executed automatically
- C. It enables individual tests to be traced to requirements
- D. It generates test inputs or executable tests from requirements

ANSWER: D