DUMPSQUEEN

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

BCS TTA1

Version Demo

Total Demo Questions: 10

Total Premium Questions: 65

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Topic Break Down

Topic	No. of Questions
Topic 1, "Test Techniques various"	8
Topic 2, Structure-based Techniques	7
Topic 3, Bonus Program	16
Topic 4, Test tools & Automation	6
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Total	65

QUESTION NO: 1

To address reliability a number of measures will be taken throughout the development and testing process. Select TWO appropriate measures that are typically taken as part of reliability engineering and/or testing of an application. 3 credits [K4]

Number of correct answers: 2

A. Define Operational Profiles

B. State Transition Testing

C. Usability testing

D. Perform design FMEAs

E. Exploratory test

ANSWER: A D

QUESTION NO: 2

Defects are discovered through test analysis and design because… 1 credit [K2]

Number of correct answers: 1

A. the tasks involve extracting information from the test basis

B. developers are involved in writing test cases

C. the cost of fixing a defect will increase if found later on

D. the author of the test basis will have made errors

ANSWER: A

QUESTION NO: 3

Select TWO solutions how the team could achieve significant benefits in the use of this tool within the next 6 months? (3 credits, for 1 out of 2 correct 1 credit) 3 credits [K4]

Number of correct answers: 2

A. Introduce data-driven or keyword driven scripting techniques

B. Change the development process

C. Select and implement a test management tool to complement the test suite

D. Identify critical parts of the system and concentrate on automating some of those tests for that particular area

E. Get business testers involved in the automation process

> **ANSWER: A D**

QUESTION NO: 4

Exhibit:

> **Questions 63 - 65**
>
> A test team is keeping logs of the incidents that they observe. They use a commonly-available word processor to write the incident reports in individual file, which are held in shared storage. They track the incidents along with some incident details, in a spreadsheet.

You have now also been given the task to identify the key fields for logging the incident reports. So far the following fields have been in use in the Excel sheet:

- Incident description

- Date

- Author

- State

Which of the following would you recommend as the best combination of fields to add? 1 credit [K2]

Number of correct answers: 1

A. Priority, version of software under test, incident identification

B. Date to be fixed, priority, incident identification

C. Developer assigned to the fix, version of software under test, incident identification

D. Priority, version of software under test, date to be fixed

> **ANSWER: A**

QUESTION NO: 5

Based on the state diagram above, how many test cases are needed to achieve 1-switch coverage? 2 credits [K3]

Number of correct answers: 1

A. 5

B. 7

C. 8

D. 9

ANSWER: C

QUESTION NO: 6

What are the TWO most significant pitfalls the organisation should be aware of? 1 credit [K2]

Number of correct answers: 2

A. Lack of good process as a baseline

B. Cost of maintenance of test scripts

C. Test management will become more time-consuming

D. Need to train testers and gain skills

E. Coverage measurements are often difficult

ANSWER: B D

QUESTION NO: 7

What is the theoretical maximum level of switch coverage that can be achieved for the state diagram above?

1 credit [K2]

Number of correct answers: 1

A. 4

B. 5

C. 6

D. 7

ANSWER: B

QUESTION NO: 8

What are the TWO most significant benefits a test execution tool should bring to the organisation?   1 credit [K2]

Number of correct answers: 2

A. Less expensive and time consuming regression testing

B. More structured incident management

C. Improved control and monitoring

D. Visibility on test coverage

E. More coverage during regression testing

ANSWER: A E

QUESTION NO: 9

The developers have suggested test set A is adequate to test the program opposite:

Test Set A		
Test Case 1	Test case 2	Test case 3
Price = 0.1	Price = 2.0	Price = 10.0
Quantity = 1000	Quantity = 500	Quantity = 120
Bonus = 9	Bonus = 1	Bonus = 3
Market = "USA"	Market = "UK"	Market = "FRA"

When executing test set A through the program which statements are exercised? 2 credits [K3]

Number of correct answers: 1

A. All

B. All, but statement 22

C. All, but statement 27, 28 and 29

D. All, but statement 22, 27, 28 and 29

ANSWER: D

QUESTION NO: 10

Exhibit:

Questions 63 - 65

A test team is keeping logs of the incidents that they observe. They use a commonly-available word processor to write the incident reports in individual file, which are held in shared storage. They track the incidents along with some incident details, in a spreadsheet.

Identify TWO main advantages of this approach to incident management. (3 credits, for 1 out of 2 correct 1 credit) 3 credits [K4]

Number of correct answers: 2

A. Quick to set up and cheap

B. Electronic rather than manual

C. Allows attachments (E. g. screen prints) to be linked to the incident reports

D. Can easily be integrated with open source tools

E. Large files are not a problem

ANSWER: A B