

DUMPS ARENA

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
Topic 5, Testing of Software Characteristics	8
Topic 6, Specification Based Test Techniques	8
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Total	65

QUESTION NO: 1

How many test cases are required to test a specification that has three conditions using a decision table testing which is not collapsed? 1 credit [K2]

Number of correct answers: 1

- A. 2
- B. 4
- C. 6
- D. 8

ANSWER: D

QUESTION NO: 2

As part of a risk analysis, technical risks are analyzed. Which TWO factors influence technical risk? 1 credit [K2]

Number of correct answers: 2

- A. Complexity of technology
- B. Frequency of use of the affected failure
- C. Interfacing and integration issues
- D. Damage to image
- E. Lack of reasonable workaround

ANSWER: A C

QUESTION NO: 3

Which TWO of the following artefacts can be useful as a test oracle the first time a test case is run? 1 credit [K2]

Number of correct answers: 2

- A. Incident report
- B. Requirements Specification
- C. Test summary report
- D. Legacy system

E. Test plan

ANSWER: B D

QUESTION NO: 4

To support code reviews a checklist will be developed. Which TWO questions from the list would you implement as part of the code review checklist? 3 credits [K3]

Number of correct answers: 2

- A. Are any magic numbers (numeric literals) used, other than 0 or 1?
- B. Can each item be implemented with the techniques, tools, and resources available?
- C. Is it possible during acceptance testing to verify whether the item has been satisfied?
- D. Is the item specified in an exact, unambiguous way?
- E. Is there any logic containing no statements and no explanation as to why it is empty?

ANSWER: A E

QUESTION NO: 5

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: 6

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: 7

scenario:

“Tax system” (Questions 52 – 53)
 Due to new legislation the tax system needs to be updated. For a person that has a salary less than € 20.000, the tax needs to be re-calculated. If the person also has more than two children an additional 10% reduction is applicable.

For equivalence partitioning based on this specification, how many input classes can be determined?

2 credits [K3]

	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							

Number of correct answers: 1

- A. 4
- B. 5
- C. 6
- D. 8

ANSWER: A

QUESTION NO: 8

Which of the following is the best example of a reliability failure for the application? 1 credit [K2]

Number of correct answers: 1

- A. Slow response time
- B. Excessive memory consumption
- C. Random application termination
- D. Failure to encrypt data

ANSWER: C

QUESTION NO: 9

It has been decided by management to ask an external consultant to perform a reliability assessment. The external consultant will use a checklist to support the assessment. Select TWO checklist items that are most likely to be part of a reliability checklist. 2 credits [K3]

Number of correct answers: 2

- A. Are traceability matrices provided to the requirements?
- B. Is all code supported by a reviewed design document?
- C. Is the comment frequency at the correct level?
- D. Is a dual set of hardware available?
- E. Are features available for a periodic check of the database consistency?

ANSWER: D E

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 the most significant risk introduced by this approach to incident management. 3 credits [K4]

Number of correct answers: 1

- A. Excel list may not be in synchronisation with Word documents

- B. Low level of usability
- C. Spreadsheet/text files may not be complete
- D. Does not map to IEEE 1044

ANSWER: A