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Exam : **CTAL-TA**

Title ISTQB Certified Tester Advanced Level - Test Analyst

Version : DEMO

1.Which of the following is NOT an example of a typical pre-condition for test execution?
A. A properly configured test environment
B. Thoroughly specified test procedures
C. A process for managing identified defects
D. Defined level of requirements coverage achieved
Answer: D

2.Defects are discovered through test analysis and design because…
A. the testers' mindset is focused on finding defects
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: D

3.Scenario "Incident management"
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 files, 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
-Version of the software under test
Which of the following would you recommend as the most important field to add?
A. Priority
B. Incident identification
C. Developer assigned to the fix
D. Date to be fixed
Answer: A

4.Scenario "Incident management"
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 files, which are held in shared storage. They track the incidents, along with some incident details, in a spreadsheet.

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

You are starting to review some of the incident reports that have been submitted as a result of test execution. Which THREE major comments would you make having 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

5.Scenario "Incident management"

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 files, which are held in shared storage. They track the incidents, along with some incident details, in a spreadsheet.

Identify THREE main advantages of this approach to incident management.

A. Quick to set up and cheap
B. Electronic rather than manual
C. Allows co-operation of various locations
D. Can be easily integrated with other tools, such as configuration management tools and test execution tools
E. Large files are not a problem
F. High level of usability
G. Easy to document screen shots and have attachments to the spreadsheet

Answer: A,B,F

6.Consider the following decision table,

	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							

How many cases are left when this decision table is collapsed?

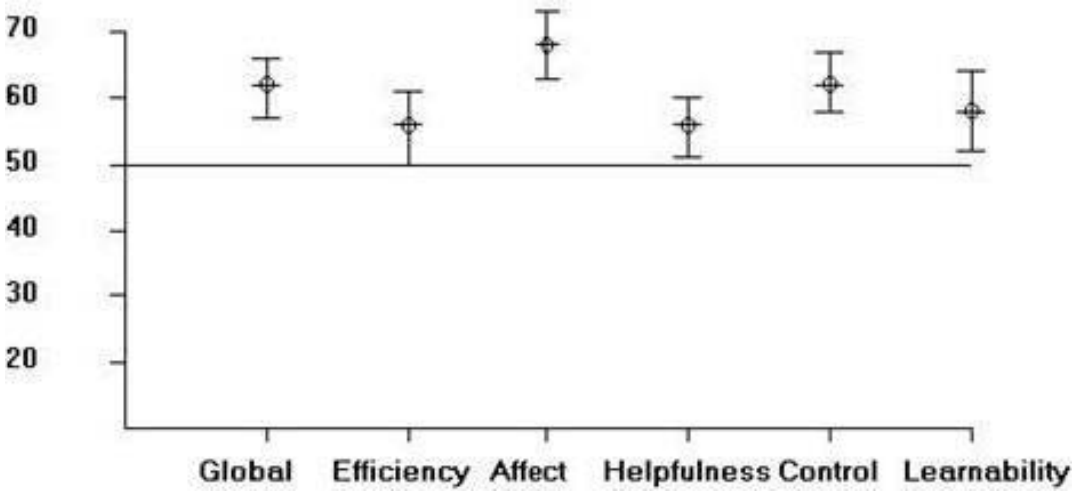
A. 2

B. 3
C. 4
D. 5
Answer: C

7.It has been suggested to organise a performance test to investigate the third type of complaint. Which of the following could be used to quantify the situation?
A. Time needed for defect analysis
B. Number of errors made by the user
C. Mean Time To Repair (MTTR)
D. Time required by the user to perform the function
Answer: D

8.For the on-line portal a test will be planned that will focus on suitability. Which technique is most appropriate to use for the suitability test?
A. Use Cases
B. Equivalence Partitioning and Boundary Value Analysis
C. State Transition Testing
D. Pairwise Testing
Answer: A

9.Scenario "Tax system"
The tax system needs to be updated due to new legislation. For a person with a salary of less than € 20.000 and who is married, the tax needs to be re-calculated. If the person also has more than two and less than five children, an additional 10% reduction is applicable.
A SUMI test has been performed on the user-interface of the tax system. The resulting SUMI graph is presented below:



Which of the following statements is NOT correct?
A. The SUMI scores are above market average
B. The SUMI scores show a positive result regarding user-satisfaction
C. The standard deviation of all SUMI scales is much too large
D. Especially the SUMI score regarding Affect is high which will ease the deployment process

Answer: C

10.Which of the following is a typical defect that boundary value analysis would identify?
A. Improper handling of sequences of events
B. Improper handling of combinations of conditions
C. Improper handling of large and small values
D. Improve handling of classes of inputs
Answer: C