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Exam : **TM12**

Title : ISTQB-BCS Certified Tester Advanced Level- Test Manager (2012)

Version : Demo

1. Topic 1, Testing Process

Assumethat the following test cases have been executed at the end of the first week of test execution: TC-001, TC-002 and TC-007. All these tests are 'passes'.
What is the MINIMUM number of the remaining test cases that must be successfully executed to fulfill the EX1 exit criteria?

		TEST CASES									
		TC-001	TC-002	TC-003	TC-004	TC-005	TC-006	TC-007	TC-008	TC-009	TC-010
REQUIREMENTS	REQ-001	X									
	REQ-002		X	X							
	REQ-003				X						
	REQ-004				X			X			
	REQ-005					X		X			
	REQ-006						X	X			
	REQ-007								X		
	REQ-008								X		
	REQ-009	X									
	REQ-010									X	
	REQ-011				X						
	REQ-012										X

Number of correct responses: 1
A. 4
B. 5
C. 6
D. 7
Answer: A

2.You are not confident with the assessment of the risk leveland you suspect that it will be possible to find high-priority bugs in low-risk areas.
Furthermore the period for test execution is very short. Your goal is to test all the product risks in a risk-based way, while assuring that each product risk gets at least some amount of testing.

Product risk	Risk level	Test Cases
R1	25	T1, T2
R2	12	T3, T4
R3	10	T5, T6
R4	8	T7, T8
R5	2	T9, T10

Which of the following answers describes the best test execution schedule in this scenario?
Number of correct responses: 1
A. T1, T2, T3, T4, T5, T6, T7, T8, T9, T10
B. T1, T3, T5, T7, T9, T2, T4, T6, T8, T10
C. T10, T9, T8, T7, T6, T5, T4, T3, T2, T1
D. T10, T8, T6, T4, T2, T9, T7, T5, T3, T1
Answer: B

3.You are following a risk-based testing strategy. The test execution time is very limited. Assume that all the product risk items require moreor less the same level of test effort.

Product Risk Item	Likelihood	Impact
The system does not accept transactions coming from the IVR channel	1	5
The system does not correctly charge a Smart Card with the required contents	2	5
The system does not activate a pre-activated Smart Card	3	5
The system does not pre-activate a Smart Card	5	3

Which of the following answers describes the best execution schedule in this scenario?

Number of correct responses: 1

A. 1- Test the acceptance of transactions coming from the IVR channel

2- Test the correct charge of the Smart Card with the required contents

3- Test the correct pre-activation of the Smart Card

4- Test the correct activation of the Smart Card

B. 1- Test the correct pre-activation of the Smart Card

2- Test the correct charge of the Smart Card with the required contents

3- Test the correct activation of the Smart Card

4- Test the acceptance of transactions coming from the IVR channel

C. 1- Test the correct activation of the Smart Card

2- Test the correct pre-activation of the Smart Card

3- Test the correct charge of the Smart Card with the required contents

4- Test the acceptance of transactions coming from the IVR channel

D. 1- Test the correct pre-activation of the Smart Card

2- Test the correct activation of the Smart Card

3- Test the correct charge of the Smart Card with the required contents

4- Test the acceptance of transactions coming from the IVR channel

Answer: D

4.Testing Process

The following are the exit criteria described in the test plan of a software product:

EX1. The test suite for the product must ensure that at least each quality risk item is covered by at least one test case (a quality risk item can be covered by more test cases).

EX2. All test cases in the test suite must be run during the execution phase.

EX3. Defects are classified into two categories: "C" (critical defect) and "NC" (non-critical defect). No known C defects shall exist in the product at the end of the test execution phase.

Which of the following information is useless when the specified exit criteria is evaluated?

Number of correct responses: 1

A. A traceability matrix showing the relationships between the product risk items and the test cases

B. A list of all the open defects with the associated classification information extracted from the defect tracking system

C. A chart, showing the trend in the lag time from defect reporting to resolution, extracted from the defect tracking system

D. The execution status of all the test cases extracted from the testmanagement tool

Answer: C

5.Testing Process

Which of the following statements describing the consequences of specifying test conditions at a detailed level is NOT true?

Number of correct responses: 1

A. In an environment where the test basis is continuously changing, it is recommended to specify test conditions at a detailed level in order to achieve a better maintainability

B. The specification of test conditions at a detailed level can be effective when no formal requirements or other development work products are available

C. The specification of test conditions at a detailed level can require the implementation of an adequate level of formality across the team

D. For system testing, the specification of test conditions at a detailed level, carried out early in the project as soon as the test basis is established, can contribute to defect prevention

Answer: A