

General

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Date Submitted	11-Jan-10
Reviewer	Hans Schaefer
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(Non-Scenario) Conventional MC (Type A) Question
 Description part

ID LO-4.6.1_Q1_K2

Question (stem)	A bank application determines the creditworthiness of customers. The application uses a set of rules to determine the upper limit of the credit amount. Which of the following black-box test design techniques is best for testing the application?
Correct Answer	A. Decision table testing
Distracters	B. State transition testing
	C. Use case testing
	D. Equivalence partitioning
Justification for Correct Answer	<p>This is a best answer question that requires the ability to recognize a specific characteristic of a test design technique in context.</p> <p>A is correct because decision tables cover “logical conditions”, actions and rules. Wrong is in B: context does not highlight the aspect of state changes. Wrong is in C: context does not highlight the aspect of use cases. Wrong is in D context does not highlight the aspect of building equivalence classes. When testing this application in reality all the techniques in the distracters do apply, but A is best.</p>
Partial Scoring	No
Syllabus Ref.	Reference 4.3 and 4.6
Learning Objective	LO-4.6.1 Classify test design techniques according to their fitness to a given context, for the test basis, respective models and software characteristics. (K2)
K-Level	<input checked="" type="checkbox"/> K2, <i>Understand</i> <input type="checkbox"/> K3, <i>Apply</i> <input type="checkbox"/> K4, <i>Analyze</i>
Reviewer Response	