Latest Version: 6

Question: 1

What is the value of statement coverage achieved by test case 1 from test set A? 2 credits [K3]

A. ? 75% (21/28)
B. ? 78% (22/28)
C. ? 85% (24/28)
D. ? 90% (25/28)

Answer: A

Question: 2

Which additional set of test cases is needed to achieve both 100% statement coverage and 100% decision coverage? 3 credits [K3]

A.

Price	Quantity	Bonus	Market
4.0	110	1	UK
1.0	3	4	NL

B.

Price	Quantity	Bonus	Market
1.2	2000	10	USA
3.0	110	20	UK

C.

Price	Quantity	Bonus	Market
2.0	5000	3	NL
3.0	500	3	USA

D.

Price	Quantity	Bonus	Market
5.0	1100	1	USA
1.0	1	1	USA

Answer: C

Question: 3

Which TWO additional structure-based test design techniques could be used to dynamically test the code? 1 credit [K2]

A. Condition testing
B. Multiple condition testing
C. Equivalence partitioning
D. Cause/effect graphing
E. Code reviews

Answer: A,B

Question: 4

How many test cases are needed to test code fragment lines 26 – 32 to achieve 100% condition determination coverage? 2 credits [K3]

A. 2
B. 3
C. 4
D. 5

Answer: B

Question: 5

The application of multiple condition testing is also being considered. Which specification-based technique is largely based on the principle of multiple condition testing? 1 credit [K2]

A. Equivalence Partitioning
B. State Transition Testing
C. Decision Table Testing
D. Use Cases

Answer: C

Question: 6

How many test cases are needed to test code fragment lines 26 – 32 to achieve 100% multiple condition coverage? 2 credits [K3]

A. 2
B. 3
C. 4
D. 8

Answer: D