Exam: Module 4 Quiz
Submitted: 09/08/2022 08:06:03 PM
Student: moises marin martinez
Attempt: 1

Score
Your score on this attempt: 5.000 out of a possible 5 (100.00%)
Graded Score: 5 out of a possible 5 (100.00%)
Completion Time: 35 minutes 9 seconds

Question 1:
What do you think would happen if we could obtain more capacity to store our furniture?

Type: Multiple Choice

Points Awarded: 1.000/1.000

User Answer(s):

Solution changes with increased profit

Correct Answer(s) :

Solution stays EXACTLY at Extreme Point C with same profit

Solution stays EXACTLY at Extreme Point C with more profit

Solution changes with same profit

Solution changes with increased profit (correct)

Solution changes with reduced profit

Question 2:
What do you think would happen if the sales price of chairs was $10 instead of $9?

Type: Multiple Choice

Points Awarded: 1.000/1.000

User Answer(s):

Solution stays EXACTLY at Extreme Point C with more profit

Correct Answer(s) :

Solution stays EXACTLY at Extreme Point C with same profit

Solution stays EXACTLY at Extreme Point C with more profit (correct)

Solution changes with same profit

Solution changes with increased profit

Solution changes with reduced profit

Question 3:
How would the optimal solution change if we added one more unit of capacity?

Type: Multiple Choice

Points Awarded: 1.000/1.000

User Answer(s):

Fewer tables and more chairs

Correct Answer(s) :

More tables and more chairs

More tables and same number of chairs

Same number of tables and more chairs

More tables and fewer chairs

Fewer tables and more chairs (correct)

Some other combination.

Question 4:
At what increase in the sales price of chairs would the previously determined optimal production mix of tables and chairs no longer be optimal (or at least be equally optimal to another point)?

Type: Multiple Choice

Points Awarded: 1.000/1.000

User Answer(s):

Increase of $1 2/3 to $10 2/3

Correct Answer(s) :

Increase of $0.50 to $9.50

Increase of $1.00 to $10.00

Increase of $1 2/3 to $10 2/3 (correct)

Increase of $2.25 to $11.25

Increase of $4.00 to $13.00

Question 5:
At what decrease in the sales price of chairs would the previously determined optimal production mix of tables and chairs no longer be optimal (or at least be equally optimal to another point)?

Type: Multiple Choice

Points Awarded: 1.000/1.000

User Answer(s):

Decrease of $1.00 to $8.00

Correct Answer(s) :

Decrease of $0.50 to $8.50

Decrease of $1.00 to $8.00 (correct)

Decrease of $1 2/3 to $7 1/3

Decrease of $2.25 to $6.75

Decrease of $4.00 to $5.00