**BUS 322 S24 Test 3**

**Answer Key**

00:30:00

Last Name:

First Name:

Email address:

University's ID (last 4 digits):

This is your Test 3 answer sheet. You have 30 minutes to enter your answers. You are allowed one attempt. Please note the following:
1. When you are on the page with the problem #10, do not click "next" unless you ready to submit your work for grading.
2. Some problems are "multiple response" and will require more than one answer.
.

Good Luck!!!

**Question 1 of 10**

1. Select the value of the intercept:

* 1,361 (0 points)
* 0.9762 (0 points)
* -0.0594 (0 points)
* 3.4888 (10 points)
* 0 (0 points)
* -359.62 (0 points)
* 88 (0 points)
* 0.20 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 2 of 10**

2. Select the value of the independent variable:

* 0.7634 (0 points)
* 13.0391 (10 points)
* -0.0160 (0 points)
* 11.3567 (0 points)
* 37 (0 points)
* 2.2265 (0 points)
* 0.0632 (0 points)
* -0.0110 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 3 of 10**

3. Linear Programming.

* a) In this section, select the value of the slack for electronic components (click below): (0 points)
* 0 (10 points)
* 1 (0 points)
* 120 (0 points)
* 240 (0 points)
* 13 (0 points)
* 0.5 (0 points)
* 60 (0 points)
* b) Is the calculated solution feasible (click below): (0 points)
* Yes (10 points)
* No (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 4 of 10**

4. Markov Chain

* a) In this section, select the end of the Period 3 market share for D (click below): (0 points)
* 0.1959 (0 points)
* 0.3125 (0 points)
* 0.2650 (0 points)
* 0.2202 (10 points)
* b) In this section, select the value of the change for A (click below): (0 points)
* 34% (0 points)
* 0.1899 (0 points)
* -0.280 (0 points)
* -0.0337 (10 points)
* 0.1899 (0 points)
* 0.0163 (0 points)
* 0.0337 (0 points)
* 0 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 5 of 10**

5. Linear programming:

* a) In this section, select the value of X (click below): (0 points)
* 6 (10 points)
* 12 (0 points)
* 3 (0 points)
* $1,414.2339 (0 points)
* $1,306.1345 (0 points)
* 0 (0 points)
* b) In this section, select the value of Y (click below): (0 points)
* 0 (10 points)
* 6 (0 points)
* 14 (0 points)
* 18 (0 points)
* 1 (0 points)
* c) In this section, select the value of Z (click below): (0 points)
* 18 (10 points)
* 6 (0 points)
* 0 (0 points)
* 85 (0 points)
* 0.1247 (0 points)
* 72 (0 points)
* d) Is this solution feasible? (0 points)
* Yes (10 points)
* No (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 6 of 10**

6. Correlation Coefficient

* a) In this section, select the value of the Correlation Coefficient (click below):: (0 points)
* 0.1645 (0 points)
* -0.0103 (0 points)
* -0.5195 (0 points)
* -0.3283 (0 points)
* -0.61235 (0 points)
* 0.81491 (10 points)
* -0 (0 points)
* b) In this section, select the direction of this coefficient (click below): (0 points)
* Positive (10 points)
* Negative (0 points)
* None (0 points)
* Both (0 points)
* c) In this section, select the strength of this relation: (0 points)
* Weak (0 points)
* Moderate (0 points)
* Somewhat strong (0 points)
* Strong (0 points)
* Very Strong (10 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 7 of 10**

7. MAD

* a) In this section, select the more accurate forecasting method(click below): (0 points)
* Technique 1 (0 points)
* Technique 2 (10 points)
* Technique 3 (10 points)
* b) In this section, select the value of MAD for this technique (s) (click below): (0 points)
* 1 (0 points)
* 0 (10 points)
* 360 (0 points)
* 350 (0 points)
* -1 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 8 of 10**

8. Exponential Smoothing. Select the value of the damping factor:

* 1 (0 points)
* 0.6 (10 points)
* 0.4 (0 points)
* 1,332 (0 points)
* 0 (0 points)
* -0.4 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 9 of 10**

9. Multiple Regression. What is the value of X?

* 44.7619 (0 points)
* 7.5714 (0 points)
* 1 (0 points)
* 12.5094 (10 points)
* 180 (0 points)
* 0 (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

**Question 10 of 10**

10. Determination Coefficient

* a) In this section, select the Determination Coefficient (click below): (0 points)
* 0.8159 (0 points)
* 0.6848 (10 points)
* -104.3520 (0 points)
* 0 (0 points)
* 518 (0 points)
* $180.00 (0 points)
* $24 (0 points)
* $1,760.64 (0 points)
* b) In this section, select the predictive strength of this regression model (click below): (0 points)
* weak predictor (0 points)
* somewhat weak predictor (0 points)
* somewhat strong predictor (0 points)
* strong predictor (10 points)
* very strong predictor (0 points)

***(10 points) | \_\_\_***

Correct

Incorrect

You have reached the end of this answer sheet. Click "next" when you are ready to submit your answers to be graded.