**BUS 322 F23 Test 3 W Answer Key**

**12/4/23**

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.
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Good Luck!!!

**Question 1 of 10**

1. Trend Analysis - Select one

* 1,361 (0 points)
* 1,110 (0 points)
* 359.62 (0 points)
* 441.67 (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. Multiple Regression

* 2.7900 (0 points)
* 3.0885 (10 points)
* -0.0160 (0 points)
* 0.0566 (0 points)
* 37 (0 points)
* 88 (0 points)
* 175 (0 points)
* 0 (0 points)

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

Correct

Incorrect

**Question 3 of 10**

3. QRP

* $270 (0 points)
* 3.1453% (10 points)
* 2.8846% (0 points)
* 3.3333% (0 points)
* 84% (0 points)
* 90 (0 points)
* 100 (0 points)
* 10 (0 points)
* 7 (0 points)
* 12 (0 points)
* All of these (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 (0 points)
* 0.1959 (0 points)
* 0.3125 (0 points)
* 0.2650 (0 points)
* 0.2202 (10 points)
* b) In this section, select the level of the change for A (0 points)
* 34% (0 points)
* -35% (0 points)
* -0.280 (0 points)
* -0.0337 (10 points)
* 0.1899 (0 points)
* 0.0163 (0 points)
* -4.10% (0 points)
* -16.40% (0 points)

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

Correct

Incorrect

**Question 5 of 10**

5. Dummy Variables

* a) In this section, select the value of y when X2 = 1 (0 points)
* 247.2377 (0 points)
* 39.2184 (0 points)
* 27 (0 points)
* $1,414.2339 (10 points)
* $1,306.1345 (0 points)
* 0 (0 points)
* b) In this section, select the value of y when the value of X2 = 0 (0 points)
* 247.2377 (0 points)
* 39.2184 (0 points)
* 108.0994 (0 points)
* $1,306.1345 (10 points)
* 0 (0 points)
* c) In this section, select the difference between X1-X2 (0 points)
* 108 (10 points)
* 1080 (0 points)
* -1080 (0 points)
* -108 (0 points)
* 0.108 (0 points)
* 1,414.2339 (0 points)
* 1,306.1345 (0 points)

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

Correct

Incorrect

**Question 6 of 10**

6. Correlation Coefficient

* a) In this section, select the value of the Correlation Coefficient: (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 and the strength of this coefficient: (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: (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 (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

* 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

* $-2.91811 (0 points)
* 0.1131676 (0 points)
* $674,457 (0 points)
* 1,257.8975 (10 points)
* $1,234,567 (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 (10 points)
* 0.9008 (0 points)
* 0.6331 (0 points)
* 0 (0 points)
* 0.9033 (0 points)
* $180.00 (0 points)
* $24 (0 points)
* $1,760.64 (0 points)
* b) In this section, interpret the value of that coefficient (click below): (0 points)
* weak predictor (0 points)
* somewhat weak predictor (0 points)
* somewhat strong predictor (0 points)
* very strong predictor (10 points)
* moderate 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.