**BUS 322 S24 Test 4 Answer Key**

**5/15/24**

00:30:00

Last Name:

First Name:

Email address:

University's ID (last 4 digits):

This is your Test 4 (final) 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**

Problem 1.ANOVA

* In this section, select the Critical Value(s): (0 points)
* 6.5946 (10 points)
* 327.3832 (0 points)
* 11,001 (0 points)
* 0 (0 points)
* 1 (0 points)
* In this section, select the value of Test Statistic: (0 points)
* 6.5945 (0 points)
* 327.3832 (10 points)
* 11,001 (0 points)
* in this section, select the decision: do you have enough evidence to reject the Ho: (0 points)
* Yes (10 points)
* No (0 points)

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

Correct

Incorrect

**Question 2 of 10**

Problem 2. Two Population Variance

* In this section, select the Critical Value(s): (0 points)
* 2.8179 (10 points)
* 24.7568 (0 points)
* 2.6032 and 26.7568 (0 points)
* 0.005 (0 points)
* 2.6866 (0 points)
* In this section, select the value(s) of the Test Statistic(s): (0 points)
* 1.8763 (10 points)
* 189.3333 (0 points)
* 2.0324 (0 points)
* 12 or 144 (0 points)
* 0.02 (0 points)
* In this section, select whether the Ho should be rejected: (0 points)
* Yes (0 points)
* No (10 points)

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

Correct

Incorrect

**Question 3 of 10**

Problem 3. The EMV vs. Utility

* In this section, select investment vehicle based on the EMV approach: (0 points)
* Gold (10 points)
* Bond (0 points)
* Stock (0 points)
* CD (0 points)
* 270,000 (0 points)
* 152,000 (0 points)
* 0 (0 points)
* -40,000 (0 points)
* In this section, select the EMV of this choice: (0 points)
* 100 (10 points)
* 15 (0 points)
* 95 (0 points)
* 60 (0 points)
* In this section, select the investment vehicle based on the Utility approach: (0 points)
* Gold (0 points)
* Bond (0 points)
* Stock (10 points)
* CD (0 points)
* In this section, select the Utility value of this choice: (0 points)
* 0.6130 (0 points)
* 0.5170 (0 points)
* 0.6300 (10 points)
* 0.6000 (0 points)
* 100 (0 points)
* 15 (0 points)
* 95 (0 points)
* 60 (0 points)

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

Correct

Incorrect

**Question 4 of 10**

Problem 4. One-tail Chi Square

* In this section, select the Critical Value(s): (0 points)
* -2.4563 (0 points)
* 36.1908 (10 points)
* 3.8082 (0 points)
* 4,400 (0 points)
* 4.3541 (0 points)
* In this section, select the value(s) of the Test Statistic(s): (0 points)
* 1,377,358 (10 points)
* 4.2563 (0 points)
* 6.6324 (0 points)
* 0 (0 points)
* -4.3541 (0 points)
* In this section, select whether the Ho should be rejected: (0 points)
* Yes (10 points)
* No (0 points)

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

Correct

Incorrect

**Question 5 of 10**

Problem 5. Two-tail Chi square

* In this section, select the Critical Value(s): (0 points)
* 3.0535 and 24.7250 (10 points)
* 2.0327 (0 points)
* 2,320 and 3,270 (0 points)
* 26.61 (0 points)
* 27.9962 (0 points)
* In this section, select the value(s) of the Test Statistic(s): (0 points)
* 2.0327 (10 points)
* -3.5546 (0 points)
* 0 (0 points)
* -0 (0 points)
* 34.7570 (0 points)
* In this section, select whether the Ho should be rejected: (0 points)
* Yes (0 points)
* No (10 points)

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

Correct

Incorrect

**Question 6 of 10**

Problem 6. The Game Theory:

* In this section, select the price that A will opt for: (0 points)
* $400 (10 points)
* $500 (0 points)
* $15,000 (0 points)
* In this section, select the price that B will opt for: (0 points)
* $400 (10 points)
* $500 (0 points)
* $5,000 (0 points)
* $15,000 (0 points)
* $17,000 (0 points)
* In the Game Theory this situation is called (select all that apply); (0 points)
* Prisoner's dilemma (10 points)
* To settle for the suboptimal price (10 points)
* The perfect strategy (0 points)
* None of these (0 points)

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

Correct

Incorrect

**Question 7 of 10**

Problem 7. Value of Perfect Information

* In this section, select the value of Perfect Information: (0 points)
* 1920 (0 points)
* 1300 (0 points)
* 1410 (10 points)
* 1,000 (0 points)
* 1 (0 points)
* In this section, select the value of EVUC: (0 points)
* 2710 (10 points)
* 1300 (0 points)
* 1200 (0 points)
* 1250 (0 points)
* 600 (0 points)
* 1 (0 points)
* If someone offered you $1,500 for this information and you bought it, would you overpay or underpay for it? (0 points)
* Overpay (10 points)
* Underpay (0 points)

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

Correct

Incorrect

**Question 8 of 10**

Problem 8. LaPlace and Hurwicz

* In this section, select your LaPlace choice: (0 points)
* Gold (0 points)
* Bond (0 points)
* Stock (10 points)
* In this section, select the value of your LaPlace choice: (0 points)
* 100 (0 points)
* 2,250 (0 points)
* 3,750 (10 points)
* 460 (0 points)
* -3,750 (0 points)
* 0.4 (0 points)
* In this section, select your Hurwicz choice: (0 points)
* Gold (0 points)
* Bond (0 points)
* Stock (10 points)
* In this section, select the value of your Hurwicz choice: (0 points)
* -3,000 (0 points)
* -2,500 (0 points)
* 3,500 (10 points)
* 0.6 (0 points)
* 6,000 (0 points)
* 0.5 (0 points)

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

Correct

Incorrect

**Question 9 of 10**

Problem 9. Maximax, Maximin, Regret

* In this section, select your Maximax choice: (0 points)
* Gold (0 points)
* Bond (0 points)
* Stock (10 points)
* In this section, select the value of your Maximax choice: (0 points)
* -1,000 (0 points)
* -1.500 (0 points)
* -6,000 (0 points)
* 3,000 (0 points)
* 2,500 (0 points)
* 5,000 (10 points)
* 0 (0 points)
* -0 (0 points)
* In this section, select your Maximin choice: (0 points)
* Gold (10 points)
* Bond (0 points)
* Stock (0 points)
* In this section, select the value of your Maximin choice: (0 points)
* -3,000 (0 points)
* -2,500 (0 points)
* 5,000 (0 points)
* 1,500 (0 points)
* -1,000 (10 points)
* 0.5 (0 points)
* In this section, select the value of regret when an investment in stock was made and there was a Large Market Gain: (0 points)
* -1,000 (0 points)
* 0 (10 points)
* 3,000 (0 points)
* 2,500 (0 points)
* 5,000 (0 points)
* 1,000 (0 points)

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

Correct

Incorrect

**Question 10 of 10**

Problem 10. The EMV decision tree:

* In this section, select the decision that should be made. Construct: (0 points)
* Large plant (10 points)
* Small plant (0 points)
* Do nothing (0 points)
* In this section, select the value of this decision node: (0 points)
* 270,000 (0 points)
* 152,000 (0 points)
* 0 (0 points)
* -40,000 (0 points)
* 296,000 (10 points)
* 152,000 (0 points)
* 0 (0 points)
* 29,600 (0 points)
* 1.5200 (0 points)
* In this section, select the lowest EMV: (0 points)
* 296,000 (0 points)
* 152,000 (0 points)
* 0 (10 points)
* 400,000 (0 points)
* -120,000 (0 points)
* -40,000 (0 points)
* Which decision note has that value: (0 points)
* P1 (0 points)
* P2 (0 points)
* P3 (10 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.