

BUS 322 F23 Test 2

ANSWER KEY

00:45:00

Last Name:

First Name:

Email address:

University's ID (last 4 digits):

This is your Test 2 answer sheet. You have 45 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. All problems are "multiple response" and require more than one answer.

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Good Luck!!!

Question 1 of 10

Problem 1.

- a) In this section, please select the lower interval boundary: (0 points)
- 70,761 (10 points)
- 200 (0 points)
- 0.01 (0 points)
- 6,800 (0 points)
- b) In this section, please select the upper interval boundary: (0 points)
- 73,239 (10 points)
- 55,693 (0 points)
- 55,454 (0 points)
- 2.578 (0 points)
- -2.578 (0 points)
- In this section, please select the value of the point estimate: (0 points)
- 71 (0 points)
- 72,000 (10 points)
- 145 (0 points)
- 0 (0 points)

(10 points) | ____

Correct

Incorrect

Question 2 of 10

Problem 2.

- a) What is the Standard Error? (0 points)
- 0.5254 (10 points)
- 1.9600 (0 points)
- -1.9600 (0 points)
- 1.0297 (0 points)
- 0.1 (0 points)
- b) What is the Margin of Error? (0 points)
- -1.3533 (10 points)
- 0.05 (0 points)
- 0.025 (0 points)
- 1 (0 points)

(10 points) | ____

Correct

Incorrect

Question 3 of 10

Problem 3.

- What is the required sample size? (0 points)
- 312 (10 points)
- 311.19 (0 points)
- 0 (0 points)
- +6 (0 points)
- -6 (0 points)

(10 points) | ____

Correct

Incorrect

Question 4 of 10

Problem 4.

- a) In this section, please select the lower interval boundary: (0 points)
- 105.63 (10 points)
- 130 (0 points)
- 154.84 (0 points)
- 140 (0 points)
- b) In this section, please select the upper interval boundary: (0 points)
- 174.37 (10 points)
- 105.16 (0 points)
- 10 (0 points)
- 24 (0 points)
- 120 (0 points)
- c) in this section, please select the value of the point estimate: (0 points)
- 174 (0 points)
- 140 (10 points)
- 168 (0 points)
- -174 (0 points)
- -140 (0 points)
- 0 (0 points)

(10 points) | ____

Correct

Incorrect

Question 5 of 10

Problem 5.

- a) What is the H_0 ? (0 points)
- Greater or equal to 745 (10 points)
- Equal to 745 (0 points)
- Less than 745 (0 points)
- Less or equal to 745 (0 points)
- b) What is the value of H_a ? (0 points)
- Greater or equal to 745 (0 points)
- Equal to 745 (0 points)
- Less than 745 (10 points)
- Less or equal to 745 (0 points)

(10 points) | ____

Correct

Incorrect

Question 6 of 10

Problem 6.

- a) In this section, please select the Critical Value(s): (0 points)

- 1.645 (10 points)
- 1.9600 (0 points)
- 720 (0 points)
- 700 (0 points)
- b) In this section, please select the Test Statistic(s): (0 points)
- 221.6772 (10 points)
- 8.6603 (0 points)
- 0.86603 (0 points)
- 800 (0 points)
- c) Should the H_0 be rejected? (0 points)
- Yes (10 points)
- No (0 points)

(10 points) | ____

Correct

Incorrect

Question 7 of 10

Problem 7.

- a) In this section, please select the Critical Value(s): (0 points)
- -1.645 (10 points)
- -3.000 (0 points)
- b) In this section, please select the Test Statistic(s): (0 points)
- -136.3333 (10 points)
- 3.000 (0 points)
- 0.86603 (0 points)
- 800 (0 points)

- c) Should the H_0 be rejected? (0 points)
- Yes (10 points)
- No (0 points)

(10 points) | ____

Correct

Incorrect

Question 8 of 10

Problem 8.

- a) In this section, please select the Critical Value(s): (0 points)
- -2.576 and 2.576 (10 points)
- -2.1314 and 2.1314 (0 points)
- -2.3263 and 2.3263 (0 points)
- 20 (0 points)
- b) In this section, please select the Test Statistic(s): (0 points)
- 22.500 (10 points)
- 2.500 (0 points)
- 0.86603 (0 points)
- 800 (0 points)
- c) Should the H_0 be rejected? (0 points)
- Yes (10 points)
- No (0 points)

(10 points) | ____

Correct

Incorrect

Question 9 of 10

Problem 9.

- a) In this section, please select the Critical Value(s): (0 points)
- -2.539 (10 points)
- 1,598 (0 points)
- 1,560 (0 points)
- 110 (0 points)
- b) In this section, please select the Test Statistic(s): (0 points)
- -6.5862 (10 points)
- 8.6603 (0 points)
- 0.86603 (0 points)
- 4.4724 (0 points)
- c) Should the H_0 be rejected? (0 points)
- Yes (10 points)
- No (0 points)

(10 points) | ____

Correct

Incorrect

Question 10 of 10

Problem 10.

- a) In this section, please select the Critical Value(s): (0 points)
- -1.7531 and 1.7531 (10 points)

- -1 and 1 (0 points)
- -1.6456 and 1.6546 (0 points)
- 15 (0 points)
- b) In this section, please select the Test Statistic(s): (0 points)
- -4.4444 (10 points)
- 64.2 (0 points)
- 0.86603 (0 points)
- -8.00 (0 points)
- c) Should the H_0 be rejected? (0 points)
- Yes (10 points)
- No (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.