

Free Questions for CLSSBB-001 by go4braindumps

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Question 1

Question Type: MultipleChoice

To establish a sample size that will allow the proper overlap of distributions we do which of these?

Options:

- A- Multiply Alpha by 1.75
- B- Calculate one minus Beta
- C- Calculate Beta plus 2
- D- Multiply Beta by 3

Answer:

В

Question 2

Question Type: MultipleChoice

| The validity of the decision made with Hypothesis Testing is dependent upon all of the following except |
|---|
| |
| Options: |
| A- Beta risk |
| B- Range of data |
| C- Alpha risk |
| D- Sample size |
| |
| Answer: |
| В |
| |
| Question 3 |
| Question Type: MultipleChoice |
| To be an effective Lean Six Sigma practitioner one must understand the difference between |

| | | L: | _ | | _ | _ |
|---|---|----|---|---|---|---|
| | | - | | | C | - |
| 0 | P | ш | U | ш | J | |

- A- ANOVA and the Analysis of Variance
- B- Nonparametric tests and tests of Non-normal Data
- C- Practical and Statistical significance
- D- F-test and test of variances of 2 samples

Answer:

C

Question 4

Question Type: MultipleChoice

Statistical Difference is the magnitude of difference or change required to distinguish between a true difference, brought about by change or improvement, and one that could have occurred by chance.

Options:

A- True

| B- False | |
|----------------------|---|
| | |
| Answer: | |
| A | |
| | |
| | |
| uestion 5 | |
| nestion Type: Multip | eChoice |
| | |
| | Hypothesis Test using Continuous Data the proper sample size is influenced only by the extent to which we need to to be detected but not the inherent variation in the process. |
| | · |
| | |
| | |
| Options: | |
| A- True | |
| B- False | |
| | |
| | |
| Answer: | |
| В | |
| | |
| | |

Question 6

Question Type: MultipleChoice

If the results from a Hypothesis Test are located in the "Region of Doubt" area, what can be concluded?

Options:

- A- Rejection of the Alpha
- B- We fail to reject the Null Hypothesis
- **C-** The test was conducted improperly
- D- We reject the Null Hypothesis

Answer:

D

Question 7

Question Type: MultipleChoice

| Following process modifications, the Null Hypothesis states that no improvement to the process has occurred. If we discover | the Null |
|---|----------|
| Hypothesis Test was rejected when it was false that would be a(n) | |
| | |
| | |
| Options: | |
| A- Type I Error | |
| B- Type II Error | |
| C- Type III Error | |
| D- Alpha Error | |
| | |
| Answer: | |
| В | |
| | |
| | |
| Question 8 | |
| Question Type: MultipleChoice | |

For the data shown here which statement(s) are true? (Note: There are 2 correct answers).

| Grade A | Grade B | Grade C |
|---------|---------|---------|
| 0.917 | 1.1 | 0.63 |
| 0.68 | 0.173 | 4.17 |
| 1.74 | 0.24 | 0.6 |
| 0.3 | 0.67 | 0.84 |
| 0.33 | 6.94 | 0.22 |
| 4.13 | | |

Options:

- A- With 95% confidence, we cannot conclude if the samples are from three Normal Distributions
- B- With greater than 95% confidence, we conclude the samples are from Non-normal Distributions
- C- If we wanted to compare the Central Tendencies of these three samples we would use the one way ANOVA test
- D- If we wanted to compare the Central Tendencies of these three samples we could use Mood's Median test
- E- If we wanted to compare the Central Tendencies of all three samples we could use the Mann-Whitney test

Answer:

B, D

Question 9

Question Type: MultipleChoice

Assessing process proportion as opposed to evaluating a process with respect to a set target can be done using one or more of these. (Note: There are 2 correct answers).

Options:

- A- Process proportion equals some desired value
- B- Process proportion equals some value range
- **C-** Target is current
- D- When we deal with Attribute type data
- E- Proportion of the tail is equal

Answer:

A, D

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