GAQM

Exam Questions CLSSGB

Certified Lean Six Sigma Green Belt (CLSSGB)

NEW QUESTION 1
The very best way to begin an effort to map a process is to do which of these?

A. Interview the process owner
B. Interview the manager of the department
C. Walk the actual process from beginning to end
D. Take pictures of the factory floor at each shift

Answer: C

NEW QUESTION 2
A Stable process is a process whose output is consistent over time. A primary tool used to analyze Stability would be a _____.

A. Data Forward Plot
B. Bag Plot
C. Min/Max Plot
D. Time Series Plot

Answer: D

NEW QUESTION 3
A periodic time frame can be used to arrange for Control Limit and Center Line calculations with good SPC implementation in a process.

A. True
B. False

Answer: A

NEW QUESTION 4
If a process has Outliers which pair of charts is most preferable if subgroups will exist for the Continuous Data?

A. Individual-Moving Range
B. Xbar-R Charts
C. Xbar-S Charts
D. nP and P Charts

Answer: B

NEW QUESTION 5
As a type of measurement error, Linearity describes a change in accuracy through the expected operating range of the measurement instrument.

A. True
B. False

Answer: A

NEW QUESTION 6
_____Distributions occur when data comes from several sources that are supposed to be the same yet are not.

A. Skewed
B. Bimodal
C. Gaussian
D. Tri-peaked

Answer: A

NEW QUESTION 7
Which of these is Discrete data?

A. Train arrived at 4:17 pm.
B. Race car consumed 23 gallons of fuel.
C. Of the 42 people on the bus, 12 went into the station.
D. It took 3 hours and 32 minutes to complete the marathon.

Answer: C

NEW QUESTION 8
To draw inferences about a sample population being studied by modeling patterns of data in a way that accounts for randomness and uncertainty in the observations is known as _____.

A. Influential Analysis
B. Inferential Statistics
C. Physical Modeling

D. Sequential Inference

Answer: B

NEW QUESTION 9
When a Belt applies the practice of Poka-Yoke to a project challenge she is attempting to make certain the activity is _____.

A. Well documented
B. Removed from the line
C. Mistake proofed
D. Highly visible

Answer: C

NEW QUESTION 10
A Belt experienced an Alpha of .05 and a Beta of .10 and knew these are the most common risk levels when running a Statistical test.

A. True
B. False

Answer: A

NEW QUESTION 11
Non-parametric testing is done when which of these are applicable? (Note: There are 3 correct answers).

A. When the traditional t tests don't produce the results we need
B. A Hypothesis Test for the Median of the population is in question
C. It does not require data to come from Normally Distributed populations
D. They look at the Median rather than the Mean of populations
E. When there are no parameters to measure in the process

Answer: BCD

NEW QUESTION 12
Cost of Poor Quality (COPQ) can be classified as Tangible (Visible) Costs and Hidden Costs.

A. True
B. False

Answer: A

NEW QUESTION 13
The Mann-Whitney Test is used to test if the Means for two samples are different.

A. True
B. False

Answer: B

NEW QUESTION 14
Which statement(s) are correct for the Regression Analysis shown here? (Note: There are 2 correct answers).

A. This Regression is an example of a Multiple Linear Regression.
B. This Regression is an example of Cubic Regression.
C. %Cu explains the majority of the process variance in heat flux.
D. Thickness explains over 80% of the process variance in heat flux.
E. The number of Residuals in this Regression Analysis is 26.

Answer: AD

NEW QUESTION 15
The Alpha level of a test (level of significance) represents the yardstick against which P-values are measured and the Null Hypothesis is rejected if the P-value is which of these?

A. Less than the Alpha level.
B. Greater than the Alpha level.
C. Greater than the Beta and Alpha level.
D. Less than one minus Alpha.
E. Less than the power of one minus Beta.

Answer: A

NEW QUESTION 16
Six Sigma refers to a process whose output has at least 80% of its data points within +/- 6 Standard Deviations from the Mean.

A. True
B. False

Answer: B

NEW QUESTION 17
The use of station warning lights, tool boards and jidohka devices in the application of Lean accomplish which of these principles?

A. Pilferage Minimization
B. Visual Factory
C. Management Awareness
D. Operator Attentiveness

Answer: B

NEW QUESTION 18
Lean had its origins in the development and practice of the _____ Production System.

A. Honda
B. Toyota
C. Ford
D. Motorola

Answer: B

NEW QUESTION 19
The Accuracy of a Measurement System addresses _____.

A. Stability, Bias & Linearity
B. Repeatability & Reproducibility
C. Stability & Sensitivity
D. Precision & Sensitivity

Answer: A

NEW QUESTION 20
Bias in Sampling is an error due to lack of independence among random samples or due to systematic sampling procedures.

A. True
B. False

Answer: A

NEW QUESTION 21
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