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GAQM

CLSSMBB

Lean Six Sigma Master Black Belt

Question #87 Section 4

Early in a project a Belt will want to begin to identify and evaluate risk factors for the subject process and will therefore begin building a(n) _____.

- A. FMEA
- B. SIPOC
- C. X-Y Diagram
- D. Team Charter

Answer: A

Question #88 Section 4

Of the various types of data shown below which is NOT representative of Variable Data.

- A. Length of a table
- B. Liters of solution added to a formula
- C. Number of employees wearing a uniform
- D. Miles per hour of a vehicle

Answer: C

Question #89 Section 4

The two types of data that can be used in Statistical Analysis are Attribute and Variable.

- A. True
- B. False

Answer: A

Question #90 Section 4

All the data points that represent the total set of information of interest is called the _____ .

- A. Population
- B. Sample
- C. Frame
- D. Spread

Answer: A

Question #91 Section 4

Data that can be measured on a continuum and has meaningful decimal subdivisions are _____ data.

- A. Continuous
- B. Surplus
- C. Discrete
- D. Variable

Answer: A

Question #92 Section 4

A Personal Trainer was assessing her workout class participants for their body fat content and had to include data for her analysis. One of the columns listed the range of weight of the people included in the studies. This required plotting a Histogram of the weight of the people assessed for their body fat content. While drawing the Histogram the x-axis contained a certain scale of data. Pick the scale of data that is appropriate for Histograms.

- A. Ordinal Scale Data
- B. Ration Scale Data
- C. Nominal Scale Data
- D. Interval Scale Data

Answer: D

Question #93 Section 4

Production Line 1 is able to complete 500 units per shift. Production Line 2 is able to finish 1,500 units per shift. Production Line 2 is 3 times faster than
Production Line 1. This analysis is an example of _____ Scale Data.

- A. Nominal
- B. Ratio
- C. Ordinal
- D. Interval

Answer: B

Question #94 Section 4

A fundamental rule is that both Standard Deviation and Variance can be added.

- A. True
- B. False

Answer: B

Question #95 Section 4

The _____ is the most frequently occurring value in a distribution of data.

- A. Median
- B. Mean
- C. Mode
- D. Center Point

Answer: C

Question #96 Section 4

A natural logarithmic base is not required for which of these distributions for probability calculations?

- A. Weibull
- B. Normal
- C. Poisson
- D. Binomial

Answer: D

Question #97 Section 4

Which of these is not a primary cause for Non-normal Data?

- A. Skewness
- B. Mixed Distributions
- C. Kurtosis
- D. Formulosis
- E. Granularity D

Answer: Explanation

Question #98 Section 4

Use this data to calculate the Z score. Average oF. 65, Standard Deviation: 3, Upper Spec Limit: 72

- A. 0.27
- B. 1.5
- C. 2.33
- D. 4.12

Answer: C

Question #99 Section 4

The _____ Distribution would be the most desirable for modeling the number of stitch defects in a portion of fabric.

- A. Exponential
- B. Extended
- C. Poisson
- D. Weibull

Answer: C

Question #100 Section 4

Which of these graphical presentations displays the values of each individual reading?

- A. Histogram
- B. Box Plot
- C. Stem and Leaf Plot
- D. X-Y Diagram

Answer: C

SAMPLE QUESTIONS

*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

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