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QUESTION: 290

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: 291

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: 292

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: 293

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: 294

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

- A. True
- B. False

Answer: B

QUESTION: 295

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

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

Answer: C

QUESTION: 296

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: 297

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

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

Answer: D

QUESTION: 298

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: 299

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: 300

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

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