

DUMPS ARENA

Lean Six Sigma Yellow Belt

Six Sigma LSSYB

Version Demo

Total Demo Questions: 9

Total Premium Questions: 340

Buy Premium PDF

<https://dumpsarena.co>

sales@dumpsarena.co

sales@dumpsarena.co
dumpsarena.co

QUESTION NO: 1

Fractional Factorial Designs are used to analyze factors to model the output as a function of inputs if Hypothesis Testing in the Analyze Phase was inadequate to sufficiently narrow the factors that significantly impact the output(s).

- A. True
- B. False

ANSWER: A**QUESTION NO: 2**

If the production is for higher volume and monitoring and the Mean and variability is to be monitored for four machines producing product and the characteristic to be monitored is Variable Data, which SPC Chart is best to be selected?

- A. Xbar-R Chart
- B. Individual-MR Chart
- C. NP Chart
- D. CUSUM Chart

ANSWER: A**QUESTION NO: 3**

Which tool is best to utilize to assist in determining solution priorities?

- A. Cost Benefit Analysis
- B. Control Plan
- C. FMEA
- D. Response Plan

ANSWER: C**QUESTION NO: 4**

When a Belt properly analyzes the results of an experiment he must examine the Residuals in expectation of finding all of the following except _____.

- A. Some Residuals higher than others
- B. Some Residuals lower than others
- C. All Residuals within 2 Standard Deviations of the Mean
- D. Residuals will represent a Linear Regression

ANSWER: D

QUESTION NO: 5

The Cost of Poor Quality (COPQ) is comprised of which two of the following? (Choose two.)

- A. Tangible (Visible) Costs
- B. Input Costs
- C. Production
- D. Hidden Costs

ANSWER: A B

QUESTION NO: 6

A Belt working in a supply chain environment has to make a decision to change suppliers of critical raw materials for a new product upgrade. The purchasing manager is depending on the Belt's effort requiring that the average cost of an internal critical raw material component be less than or equal to \$3,600 in order to stay within budget. Using a sample of 42 first article components, a Mean of the new product upgrade price of \$3,200 and a Standard Deviation of \$180 was estimated. Based on the data provided, the Z value for the data assuming a Normal Distribution is?

- A. 1.11
- B. 2.22
- C. 4.30
- D. 5.42

ANSWER: B

QUESTION NO: 7

Quality and the Critical-to-Quality (CTQ's) are both subjective terms that are defined by the _____.

- A. Management team
- B. Line Supervisor
- C. Customer
- D. Design team

ANSWER: C

QUESTION NO: 8

80% of effects come from 20% of the possible causes. These 20% are called the:

- A. Variations in the process
- B. Vital Few
- C. Cost to the process
- D. Waste

ANSWER: B

QUESTION NO: 9

A Belt gathered the following defect data for a trouser production line and wanted to assemble it into a Pareto Chart. The correct order from left to right in the chart would be:

Data: Cutting 29 Forming 43

Stitching 17

Sealing 51

- A. Sealing, Forming, Cutting, Stitching
- B. Cutting, Stitching, Sealing, Forming
- C. Stitching, Forming, Cutting, Sealing
- D. Forming, Cutting, Sealing, Stitching

ANSWER: A