

# DUMPS ARENA

**IASSC Certified Lean Six Sigma Green Belt**

**Six Sigma ICGB**

**Version Demo**

**Total Demo Questions: 10**

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**QUESTION NO: 1**

As part of a Visual Factory plan \_\_\_\_\_ cards are created and utilized to identify areas in need of cleaning and organization.

- A. Kanban
- B. Kaizen
- C. Poke-Yoke
- D. WhoSai

**ANSWER: A**

**QUESTION NO: 2**

Examples of a Visual Factory include which of these? (Note: There are 2 correct answers).

- A. White outlines on floor for proper inventory placement
- B. Documented procedures with a numerical outline
- C. Bad/Good indications of gauge readings with red and green outlines
- D. Implementing a defect inspection device

**ANSWER: A C**

**QUESTION NO: 3**

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

**Regression Analysis: HeatFlux versus %Cu, Thickness**

The Regression Equation is

$$\text{HeatFlux} = 484 + 4.80 \%Cu - 24.2 \text{ Thickness}$$

| Predictor | Coef    | SE Coef | T      | P     |
|-----------|---------|---------|--------|-------|
| Constant  | 483.67  | 39.57   | 12.22  | 0.000 |
| %Cu       | 4.7963  | 0.9511  | 5.04   | 0.000 |
| Thickness | -24.215 | 1.941   | -12.48 | 0.000 |

S = 8.93207 R-Sq = 85.9% R-Sq(adj) = 84.8%

Analysis of Variance

| Source         | DF | SS      | MS     | F     | P     |
|----------------|----|---------|--------|-------|-------|
| Regression     | 2  | 12607.6 | 6303.8 | 79.01 | 0.000 |
| Residual Error | 26 | 2074.3  | 79.8   |       |       |
| Total          | 28 | 14681.9 |        |       |       |

| Source    | DF | Seq SS  |
|-----------|----|---------|
| %Cu       | 1  | 184.5   |
| Thickness | 1  | 12423.1 |

Unusual Observations

| Obs | %Cu  | HeatFlux | Fit    | SE Fit | Residual | St Resid |
|-----|------|----------|--------|--------|----------|----------|
| 1   | 40.6 | 271.80   | 274.74 | 5.08   | -2.94    | -0.40 X  |
| 22  | 36.3 | 254.50   | 230.91 | 2.39   | 23.59    | 2.74R    |

R denotes an observation with a large standardized residual.

X denotes an observation whose X value gives it large influence.

- 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: A D****QUESTION NO: 4**

Long-term Data represents all the variation that one can expect within the subject process.

- A. True
- B. False

**ANSWER: A**

**QUESTION NO: 5**

A 1-Sample t-test is used when you want to compare the Median of one distribution to a target value.

- A. True
- B. False

**ANSWER: B****QUESTION NO: 6**

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****QUESTION NO: 7**

Multiple Linear Regressions (MLR) is best used when which of these are applicable? (Note: There are 3 correct answers).

- A. Non-linear relationships between the inputs X's and output Y
- B. Uncertainty in the slope of the linear relationship between an X and a Y
- C. Relationships between Y (output) and more than one X (Input)
- D. Preventing the use of a Designed Experiment if unnecessary
- E. We assume that the X's are independent of each other

**ANSWER: C D E****QUESTION NO: 8**

Significant variation in process performance is a consequence of several causes that can be classified using which of the terminologies shown. (Note: There are 2 correct answers).

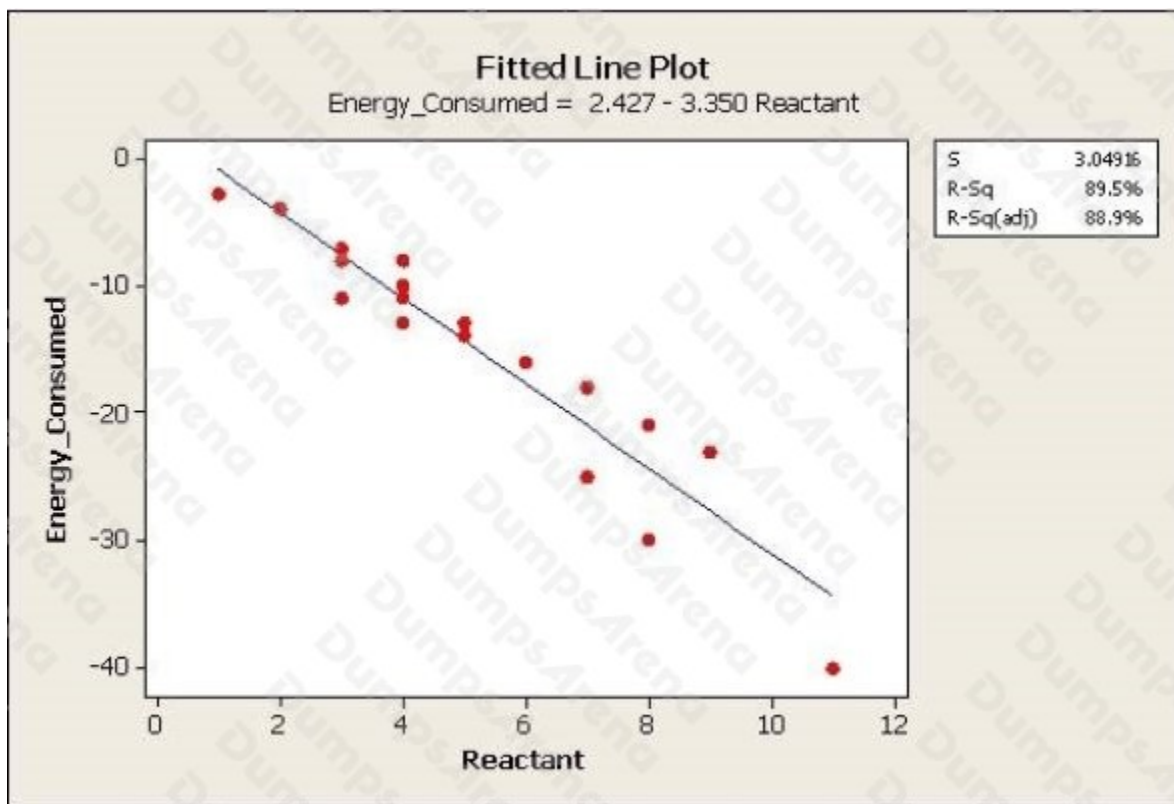
- A. Common
- B. Random

- C. Uneducated
- D. Special
- E. Vital

ANSWER: A D

### QUESTION NO: 9

Which statement(s) are true about the Fitted Line Plot shown here? (Note: There are 2 correct answers).



- A. When Reactant increases, the Energy Consumed increases.
- B. The slope of the equation is a positive 130.5.
- C. The predicted output Y is close to -18 when the Reactant level is set to 6.
- D. Over 85 % of the variation of the Energy Consumed is explained by the Reactant via this Linear Regression.

ANSWER: C D

**QUESTION NO: 10**

What is the Cycle Time, in minutes, for a process having a Throughput of 360 units per hour?

- A. 0.167
- B. 0.333
- C. 0.667
- D. 1.333

**ANSWER: A**