

# GAQM

## CLSSYB Exam

**Certified Lean Six Sigma Yellow Belt (CLSSYB)**



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**Question: 1**

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When a process has proven itself to function at a Six Sigma level this means there are less than \_\_\_\_\_ defects per million opportunities.

- A. 1.7
- B. 2.6
- C. 3.4
- D. 10

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**Answer: C**

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**Question: 2**

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Six Sigma refers to a process whose output has at least 95% of its data points within 6 Standard Deviations from the Mean.

- A. True
- B. False

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**Answer: B**

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**Question: 3**

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Training cost is \$3,000 and a project required an initial investment of \$12,000. If the project yields monthly savings of \$1,800 beginning after 3 months, what is the payback period in months (before money costs and taxes)?

- A. 4.17
- B. 8.33
- C. 11.33
- D. 28.28

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**Answer: C**

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**Question: 4**

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The ROI for a project is a measurement metric that stands for Return on Investment and is one of the methods used to measure the success of a Lean Six Sigma project.

- A. True

B. False

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**Answer: A**

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**Question: 5**

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The DMAIC approach to problem solving stands for Define, \_\_\_\_\_, Analyze, Improve and Control.

- A. Manage
- B. Measure
- C. Memorize
- D. Manipulate

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**Answer: B**

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**Question: 6**

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Voice of the Customer is a Lean Six Sigma technique to determine the \_\_\_\_\_ attributes of a product or service.

- A. Desirable
- B. Beneficial
- C. Critical-to-Quality
- D. Preferred

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**Answer: C**

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**Question: 7**

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Benefits and working conditions would be primarily the concern of which of the following?

- A. Voice of the Customer
- B. Voice of the Employee
- C. Voice of the Business
- D. Voice of the Process

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**Answer: B**

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**Question: 8**

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In the expression  $Y = f(X_n)$  Y, the output, is the \_\_\_\_\_ variable and  $X_n$ , the inputs, are the \_\_\_\_\_ variables.

- A. Independent, dependent
- B. Individual, multiple