

# Lean Six Sigma Black Belt Practice Test Questions and Answers

## 1. What does the acronym DMAIC stand for in Lean Six Sigma methodology?

- A) Design, Measure, Analyze, Improve, Control
- B) Define, Measure, Analyze, Improve, Control
- C) Define, Monitor, Analyze, Implement, Control
- D) Design, Monitor, Assess, Improve, Complete

## 2. In statistical process control, what does Cpk measure?

- A) Process capability considering process centering
- B) Process mean only
- C) Process variation only
- D) Process stability over time

## 3. Which of the following is considered one of the "8 Wastes" in Lean methodology?

- A) Customer feedback
- B) Transportation
- C) Quality control
- D) Process documentation

## 4. What is the primary goal of a Kaizen event?

- A) Long-term strategic planning
- B) Rapid, continuous improvement through small incremental changes
- C) Major process redesign
- D) Employee performance evaluation

Answers: 1-B 2-A 3-B 4-B

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