

Exam Name - Black Belt in Lean Six Sigma (BBLSS)

Sample Exam

1. What does reproducibility in MSA assess?

- A. Accuracy of the reference
- B. Operator-to-operator variability
- C. Precision across conditions
- D. Calibration drift

Answer **C**

2. A matrix diagram linking 9 activities to 15 goals is known as:

- A. Affinity diagram
- B. Interrelationship digraph
- C. Matrix diagram
- D. Tree diagram

Answer **C**

3. Reducing sample size from 8 to 5 in an R-chart would likely:

- A. Keep average range the same
- B. Decrease average range
- C. Increase average range
- D. Not predictable

Answer **B**

4. Cycle time per unit when throughput is 7,200 units/hour:

- A. 2 seconds
- B. 0.34 seconds
- C. 0.5 seconds
- D. 1 second

Answer **C**

5. What is the focus of the Control phase?

- A. Establishing baselines
- B. Problem identification
- C. Implementing solutions
- D. Sustaining improvements via monitoring and control plans

Answer **D**

6. In DMAIC, which phase involves pilot testing and optimizing solutions?

- A. Define
- B. Measure
- C. Analyze
- D. Improve

Answer **D**