

IASSC Lean Six Sigma Yellow Belt Certification



Sample Paper



PEOPLECERT - Personnel Certification Body

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IASSC LEAN SIX SIGMA CERTIFICATION EXAM

SAMPLE PAPER – YELLOW BELT

Sample Test Questions *(Select all applicable answers)*

Phase 1 - Define Phase

1. Six Sigma is a term used to indicate that there are 6 Standard Deviations both below and above the process Mean to the upper and lower specification limits.
 - a. True
 - b. False
2. 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
3. Considering the Seven Elements of Waste examples of _____ waste would be relocating inventory to get it out of the way, repeating walking to retrieve necessary parts at a Work Station or having a Shipping Dock located a significant distance from the warehouse.
 - a. Motion
 - b. Conveyance
 - c. Overprocessing
 - d. Correction



Phase 2 - Measure Phase

1. During the Process Discovery activity of the Measure Phase our team uses a _____ to brainstorm concerning all the potential things that could impact the output of the process we are investigating.
 - a. Pareto Chart
 - b. Shewhart Analytical
 - c. Fishbone Diagram
 - d. None

2. When constructing a Process Map we use this symbol , an Ellipse, to designate _____ for our process.
 - a. Decision Point
 - b. A start and stop point
 - c. An activity step
 - d. A data collection point

3. To properly evaluate a process we must gather and analyze key metric data impacting that process. To assure the data we analyze is accurate and precise we must begin its collection by creating a _____.
 - a. Data Definition Chart
 - b. Database Collection System
 - c. Measurement System Analysis
 - d. None



Phase 3 - Control Phase

1. The 5S approach to removing waste is part of the application of Lean and is comprised of Sorting, Straightening, Sharpening, Standardizing and Sustaining.
 - a. True
 - b. False

2. A Kanban is used as a part of the _____ portion of Lean to assure the proper amount of inventory and appropriate timing of inventory flow through a system.
 - a. Visual Factory
 - b. Kaizen Event
 - c. Standardizing
 - d. Shakowa Analysis

3. As a Belt completes a LSS project she creates for the Process Owner a Control Plan. The Control Plan is to remain active and open for _____.
 - a. One year
 - b. The rest of the fiscal year
 - c. The life of the process
 - d. Three years



SAMPLE TEST QUESTIONS ANSWER KEY

Phase 1 - Define Phase

1. **A** **True**
2. **C** **Customer**
3. **B** **Conveyance**

Phase 2 - Measure Phase

1. **C** **Fishbone Diagram**
2. **B** **A start and stop point**
3. **C** **Measurement System Analysis**

Phase 3 - Control Phase

1. **B** **False**
2. **A** **Visual Factory**
3. **C** **The life of the process**



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