

Lean Yellow Belt Sample Paper ENG

Study: Lean – Lean Yellow Belt

Multiple Choice Instructions:

1. All 10 questions shall to be attempted.
2. There is only one correct answer each question.
3. You have 30 minutes for this exam.
4. You need to have at least 8 correct answers to pass this exam.
5. This is an open book exam.
6. You can use a simple calculator.

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- 1 Which is a purpose of Short Interval Management (SIM)?
- a. Identify the root cause of faults or problems
 - b. Trigger appropriate and timely action
 - c. Create high level visualization of the process
 - d. Understand and prioritize customer requirements
- 2 Which is a Value Adding Activity?
- a. An activity required for the process that the customer doesn't want to pay for
 - b. An activity to change the product that the customer is willing to pay for
 - c. An action taken to correct a defect or error in the process
 - d. An action in the process that prevents changes to a product or service
- 3 Which of the following are common brainstorming techniques used when brainstorming causes of effects?
- 1. Affinity diagram
 - 2. Clustering items together
 - 3. 5S steps
 - 4. 6 Ms
- a. 1, 2, 3
 - b. 1, 2, 4
 - c. 1, 3, 4
 - d. 2, 3, 4

- 4 Which activity does **NOT** belong to the Plan step in the PDCA approach?
- a. Determine the problem
 - b. Think up an improvement
 - c. Implement an improvement
 - d. Analyze the problem
- 5 Which element is identified in a problem statement?
- a. Scope of the project
 - b. Members of the improvement team
 - c. Urgency for action
 - d. Benefits to be achieved
- 6 What is 'Little's' formula for calculating Average Lead Time?
- a. Number of units in process, divided by production capacity
 - b. Production capacity, divided by the number of units required
 - c. Number of units in process, multiplied by production capacity
 - d. Production capacity, multiplied by number of units required
- 7 How are the inputs defined in the SIPOC technique?
- a. People who the process affect or benefit from the outcome
 - b. Measures of the process critical to quality
 - c. Individuals or teams who provide inputs into the process
 - d. Items needed to execute the process and deliver the outputs

- 8 Which is a step in the Global 8D problem solving process?
- a. Set the desired goals
 - b. Develop interim containment actions
 - c. Evaluate measurement system
 - d. Implement control strategy
- 9 What is a purpose of Volume leveling in Lean manufacturing?
- a. Plan the production so that it follows customer demand as closely as possible
 - b. Level out the differences between Cycle Time of sub-processes
 - c. Maximize the capacity of a production line
 - d. Stabilize the production when customer demand is fluctuating
- 10 Which is a statement about a Kaizen event?
- a. Typically for major change projects
 - b. Focus is on waste elimination
 - c. Aim is to increase Cycle Time
 - d. Adopts a top-down approach

Answers :

- | | |
|------|-------|
| 1. B | 6. A |
| 2. B | 7. D |
| 3. B | 8. B |
| 4. C | 9. D |
| 5. C | 10. B |