



# Execution and Control of Operations

## [APICS CPIM-ECO](#)

**Version Demo**  
**Total Questions: 10**

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**QUESTION NO: 1**

Small-group improvement activities are most effective when the:

- A. group is guided by a professional facilitator.
- B. group focuses on solvable problems.
- C. machine operators are required to participate.
- D. company's industrial engineers participate.

Answer: B

**QUESTION NO: 2**

A customer has complained that paint is peeling off a product recently purchased from a supplier. A team is formed in the supplier plant to solve the problem and follow these steps:

1. Describe the problem.
2. Identify major categories of causes of the problem.
3. Identify potential causes of the problem.
4. Establish priorities for the probable causes of the problem.
5. Pursue the root cause of the problem by asking "why?".

Which of the following methods best describes the problem-solving approach used by the team?

- A. Pareto analysis
- B. Brainstorming
- C. Five why's
- D. Fishbone analysis

Answer: D

## QUESTION NO: 3

The primary reason for using an empty conveyance container as a triggering signal is to:

- A. communicate the need for material.
- B. keep the original container filled with material.
- C. pull material downstream.
- D. push material downstream.

Answer: A

## QUESTION NO: 4

Which of the following is the primary reason to reduce setup time?

- A. Reduced labor cost
- B. Reduced machine downtime
- C. Increased time to make repairs
- D. Increased flexibility

Answer: D

#### QUESTION NO: 5

To successfully implement a multiple-site pickup of parts from different suppliers, it is necessary that:

- A. customers use contract carriers.
- B. suppliers have their products ready at specified times.
- C. suppliers be located close to their customers' sites.
- D. electronic data interchange be used.

Answer: B

#### QUESTION NO: 6

Operation-to-operation quantity reporting is most important to which of the following production environments?

- A. Job-lot production
- B. Process production
- C. Repetitive manufacturing

D. Continuous manufacturing

Answer: A

**QUESTION NO: 7**

Which of the following persons has direct responsibility for the accuracy of production activity reporting?

- A. Controller
- B. Shop supervisor
- C. Materials manager
- D. Director of manufacturing

Answer: B

**QUESTION NO: 8**

Which of the following statements about the MRP due date for a shop order is true?

- A. It is the same as operation priority.
- B. It is used in deriving operation priority.
- C. It is established at order release time and frozen until order completion.
- D. It is equal to the due date plus 5 "M" days.

Answer: B

**QUESTION NO: 9**

A work center has a balance between the scheduled input and output over the next 4 weeks. One of the three machines in the work center will be out of service for 1 week. Currently, three operators work the first shift, one operator works the second shift, and each has a 40-hour work week. Which of the following actions is best to take to maintain the schedule?

- A. Move an operator from the first to the second shift.
- B. Schedule 40 hours of overtime.
- C. Subcontract 40 hours of work.
- D. Adjust the input.

Answer: A

**QUESTION NO: 10**

The utilization of a downstream nonbottleneck resource is determined by:

- A. a bottleneck resource.
- B. theoretical capacity.
- C. available capacity.
- D. standard hours available.

Answer: A

**QUESTION NO: 11**