

DUMPS ARENA

Execution and Control of Operations

APICS CPIM-ECO

Version Demo

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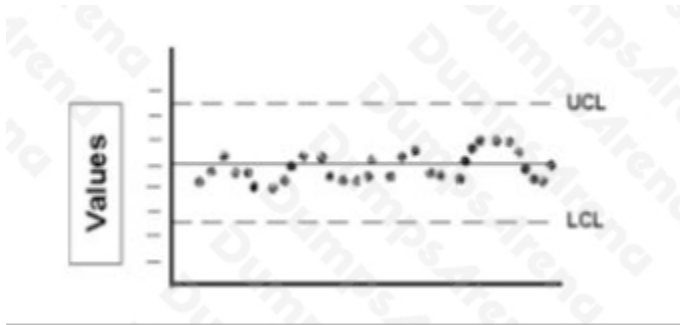
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QUESTION NO: 1

The question below is based on the following chart of values relative to upper and lower control limits:



Which of the following types of variation is shown?

- A. Special
- B. Periodic
- C. Common
- D. Assignable

ANSWER: C**QUESTION NO: 2**

Which of the following characteristics are found in a good quality management system?

- A. It covers a broad range of activities.
- B. It emphasizes sampling inspection.
- C. It relies on qualitative measurements.
- D. It reduces variability in the workplace.

ANSWER: D**QUESTION NO: 3**

Optimizing a patient intake area for improved work flow is consistent with which 5S principle?

- A. Sort

- B. Set in order
- C. Shine
- D. Standardize

ANSWER: B

QUESTION NO: 4

A supplier of roller bearings makes lots of 10,000 and sorts them automatically according to size. In a typical lot of 10,000, the sizes break into the following categories:

0.0002 undersize:	100
0.0001 undersize:	400
on size:	9,000
0.0001 oversize:	400
0.0002 oversize:	100

The product requires rollers on target or, at most, 0.0001 oversize. Experience indicates that 100% must be reinspected before use because the machine inspection lets a few defective units slip through. The supplier should be encouraged to take which of the following actions?

- A. Learn what factors cause variability.
- B. Tighten the inspection criteria.
- C. Seek deviations from Quality Control.
- D. Doubly inspect the rollers

ANSWER: A

QUESTION NO: 5

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: 6

Which of the following approaches provides the reliability necessary to support a tightly integrated manufacturing operation?

- A. Preventive maintenance
- B. Group technology
- C. A kanban system
- D. Computer-integrated manufacturing

ANSWER: A**QUESTION NO: 7**

Which of the following project characteristics would suggest using the PERT technique, rather than the critical path method?

- A. Estimates of individual task times are probabilistic.
- B. Project tasks are backward scheduled.
- C. Due dates are needed to identify critical tasks.
- D. Project management can determine the critical path.

ANSWER: A**QUESTION NO: 8**

A company produces a part with a nominal diameter of 2.0 inches and a tolerance of ± 0.006 with a standard deviation of 0.001 inches. A sample has the average diameter of 1.996 inches with a standard deviation of 0.001 inches. What is the CPK and process capability?

- A. 0.667, capable
- B. 0.667, not capable
- C. 0.333, capable
- D. 0.333, not capable

ANSWER: B**QUESTION NO: 9**

An immediate benefit of implementing lean manufacturing is improvement in:

- A. employee development.

- B. inventory valuation.
- C. total quality.
- D. lead time.

ANSWER: D

QUESTION NO: 10

When attempting to understand whether there is a relationship between two variables, which quality control tool should be used?

- A. Pareto diagram
- B. Process flow diagram
- C. Scatter chart
- D. Cause-and-effect diagram

ANSWER: C