

DUMPS ARENA

Certified in Production and Inventory Management - Master Planning of Resources

APICS CPIM-MPR

Version Demo

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QUESTION NO: 1

Which of the following objectives is a critical performance measurement in distribution network logistics?

- A. Increasing the service level
- B. Increasing cash-to-cash cycle time
- C. Increasing inventory days of supply
- D. Decreasing inventory turnover

ANSWER: A

QUESTION NO: 2

The primary task of demand management in an assemble-to-order environment is to define the:

- A. customer's order in terms of specific components and options.
- B. raw materials required to complete the customer's order.
- C. availability of inventory to meet the customer's order.
- D. customer's order in terms of product families.

ANSWER: A

QUESTION NO: 3

Which of the following tools is used to accommodate forecast errors when developing the master production schedule?

- A. Safety stock
- B. Planning time fence
- C. Firm planned orders
- D. Available-to-promise

ANSWER: A

QUESTION NO: 4

The question below is based on the following information:

Beginning inventory 8 units
Desired ending inventory 0 units
Inventory carrying cost \$5/unit/period
Stock out cost \$25/unit/period (stock outs shipped as soon as product is available)

Period	1	2	3	4
Forecast	100	125	120	95
Production				

A company has chosen to execute a level production plan. What is the production rate per period?

- A. 108
- B. 110
- C. 112
- D. 125

ANSWER: A

QUESTION NO: 5

An outcome of top management's participation in sales and operations planning involves the:

- A. delegation of trade-off resolutions to middle management.
- B. investigation of detailed trade-offs by top management.
- C. definition of trade-offs by top management.
- D. resolution of broad trade-offs by top management.

ANSWER: D

QUESTION NO: 6

Which of the following criteria is used to determine safety stock in a distribution center?

- A. Economic order quantity
- B. Seasonal index value
- C. Alpha factor level

D. Probability of stocking out

ANSWER: D

QUESTION NO: 7

A key benefit of an effective sales and operations planning (S&OP) process is that it provides a:

- A. direct and consistent dialogue between operations and senior management.
- B. means to evaluate the feasibility of business plans.
- C. procedure for defining product family priorities.
- D. statement of production required to meet unconstrained demand.

ANSWER: A

QUESTION NO: 8

Which of the following factors typically has the largest effect on the schedule developed by an advanced production scheduling (APS) system?

- A. Amount of past due work
- B. Performance measures used
- C. Precision of the capacity data
- D. Priorities of the master schedule items

ANSWER: D

QUESTION NO: 9

Which of the following factors has the greatest effect on the length of the forecast horizon?

- A. Cumulative product lead time
- B. Purpose of the forecast
- C. Frequency of forecast revision
- D. Size of forecast period

ANSWER: B

QUESTION NO: 10

The question below is based on the following information:

District Warehouse	Daily Usage	On-hand Inventory
A	10	60
B	30	160
C	20	140

Which of the following distributions would be the central warehouse allocation of 120 units of inventory to district warehouses A, B, and C if the equal run-out method were used?

- A. 20 units to A, 53 units to B, 47 units to C
- B. 20 units to A, 60 units to B, 40 units to C
- C. 20 units to A, 80 units to B, 20 units to C
- D. 100 units to A, 0 units to B, 20 units to C

ANSWER: C