



Certified in Production and Inventory Management - Master Planning of Resources

APICS CPIM-MPR

**Version Demo
Total Questions: 10**

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QUESTION NO: 1

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

QUESTION NO: 2

A warehouse has 20,000 orders per year with an average of 10 line items per order. The warehouse experiences 800 backorders per year averaging 5 line items per backorder. What level of customer service is achieved when the percentage of line items shipped on schedule is used?

- A. 96%
- B. 97%
- C. 98%
- D. 99%

Answer: C

QUESTION NO: 3

Which of the following communicates in-transit inventories to a warehouse?

- A. Bill of distribution
- B. Master schedule
- C. Order acknowledgment to warehouse
- D. Distribution requirements planning

Answer: D

QUESTION NO: 4

Which of the following data is an input to distribution requirements planning?

- A. Location points
- B. Shipping schedules
- C. Interplant demand
- D. Order value

Answer: C

QUESTION NO: 5

Which of the following issues is most likely to lead to the use of a short-term, rather than long-term, forecasting process?

- A. How to respond to a competitor's test marketing of a new product
- B. How to configure the supply chain to support a new market segment
- C. Whether to outsource a capital-intensive subassembly process
- D. Whether to take a price-leadership or a product-differentiation posture

Answer: A

QUESTION NO: 6

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: 7

Which of the following statements about both econometric models and market research is true?

- A. They are examples of intrinsic forecasting techniques.
- B. They are useful in forecasting at the stockkeeping unit level.
- C. They are useful in aggregate planning.
- D. They can be used in place of adaptive smoothing.

Answer: C

QUESTION NO: 8

When quantitative data are being evaluated, a very small bias in a forecast can best be explained by which of the following statements?

- A. Positive forecast errors approximately offset negative forecast errors.
- B. The absolute values of all forecast errors were approximately equal.
- C. The variability of forecast data was skewed.

D. A very small alpha factor was used.

Answer: A

QUESTION NO: 9

The forecast tracking signal is the ratio of the:

- A. forecast to the MAD.
- B. cumulative error to the MAD.
- C. cumulative error to the forecast.
- D. standard deviation to the MAD.

Answer: B

QUESTION NO: 10

A demand filter can best be used for which of the following purposes?

- A. To remove scrap loss from a work center history
- B. To adjust the alpha factor
- C. To flag a large order
- D. To remove seasonal variability from forecast data

Answer: C

QUESTION NO: 11

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