

# Intro to Newsvendor Model and Applications In Semiconductors - Quiz

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# Intro to Newsvendor Model and Applications In Semiconductors - Quiz Ideas

- 1) The Newsvendor model is a mathematical model used to determine optimal \_\_\_\_\_.
  - A. Demand
  - B. Inventory
  - C. Cost
- 2) The demand for newspapers in the Newsvendor problem is certain.
  - A. True
  - B. False
- 3) What factors affect the Newsvendor's inventory decision? (Select all that apply)
  - A. Overstocking and Understocking Costs
  - B. Mean Demand
  - C. Capacity
  - D. Range of Demand
- 4) What are some types of distribution? (Select all that apply)
  - A. Demand
  - B. Normal
  - C. Uniform
  - D. Sigma
- 5) Optimizing service level is a general approach to optimizing inventory level.
  - A. True
  - B. False
- 6) The Diminishing Marginal Utility states that the utility derived from each additional homogenous unit \_\_\_\_\_ as the supply of units increases.
  - A. Increases
  - B. Decreases
  - C. Stabilizes

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- 7) Which costs help us optimize our service level? (Select all that apply)
- A. Understocking cost
  - B. Overstocking cost
  - C. Inventory cost
  - D. Overhead cost
- 8) Depreciation costs for idle capacity would be considered as an \_\_\_\_\_.
- A. Understocking cost
  - B. Overstocking cost
  - C. Inventory cost
  - D. Overhead cost

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