

# APICS

## Exam Questions CSCP

Certified Supply Chain Professional



#### NEW QUESTION 1

- (Topic 1)

Which of the following situations is an example of postponement?

- A. Shipments are broken down into small groups for reshipment.
- B. Shipments are consolidated immediately for reshipment.
- C. Production begins after a customer order is received.
- D. Partially assembled goods are assembled at a later stage.

**Answer: D**

#### NEW QUESTION 2

- (Topic 1)

Continuous improvement is best described as:

- A. a never-ending effort to expose and eliminate root causes of problems.
- B. a never-ending effort by the management team to reduce cycle time.
- C. identifying and implementing big-step improvements within a process.
- D. a process in which a supplier commits to replenishing inventory based on demand without receiving replenishment orders.

**Answer: A**

#### NEW QUESTION 3

- (Topic 1)

Compared to a global strategy, a multicountry strategy would be characterized by:

- A. strategy coordination across countries.
- B. preferred suppliers located in host countries.
- C. major strategic decisions coordinated centrally.
- D. products adapted to local needs.

**Answer: D**

#### NEW QUESTION 4

- (Topic 1)

Reverse supply chain activity typically peaks nearest the beginning of which of the following stages of the product life cycle?

- A. Introduction
- B. Growth
- C. Maturity
- D. Decline

**Answer: D**

#### NEW QUESTION 5

- (Topic 1)

Which of the following attributes typically makes reverse logistics processes more complicated than outbound logistics processes?

- A. Lead times for shipments are more variable.
- B. Individual packages and cartons are less uniform.
- C. There are more regulations mandated by local governments.
- D. There is more competition for scarce transportation lanes.

**Answer: B**

#### NEW QUESTION 6

- (Topic 1)

A company considers outsourcing its information technology support to a low-cost region on another continent. The company currently has no business presence there. Which of the following actions is most effective in helping to select a service provider?

- A. Contacting the country's consulate for leads
- B. Contacting the country's local government for recommendations
- C. Visiting several potential providers before making a selection
- D. Finding a trusted local business agent to help in the search

**Answer: D**

#### NEW QUESTION 7

- (Topic 1)

A manufacturer of plastic components that are sold either directly or through distributors wants to identify the requirements of the end customers for each market segment. Which of the following approaches would be most appropriate?

- A. Analyzing the buying history for each of the market segments
- B. Asking the manufacturer's direct customers
- C. Conducting a market research project

D. Sending samples of potential future products to the final customers

**Answer:** C

#### NEW QUESTION 8

- (Topic 1)

Which of the following corporate strategies is most consistent with a flexible supply chain strategy?

- A. Being the low-price leader
- B. Providing the highest-quality service
- C. Providing mature products with stable sales
- D. Emphasizing the quality of the product

**Answer:** B

#### NEW QUESTION 9

- (Topic 1)

Which of the following outcomes is a benefit typically expected of customer relationship management (CRM)?

- A. Reducing the size of the sales force by automating activities
- B. Gaining a better understanding of customer requirements
- C. Implementing automated inter-organizational processes
- D. Focusing sales efforts on the most profitable customers

**Answer:** B

#### NEW QUESTION 10

- (Topic 1)

Which of the following strategies is used primarily for demand planning?

- A. Build-to-order scheduling
- B. Push-pull replenishment
- C. Collaborative planning, forecasting, and replenishment
- D. Vendor-managed inventory

**Answer:** C

#### NEW QUESTION 10

- (Topic 1)

Which of the following results can be expected from sharing a common understanding of demand and consumption patterns among supply chain participants?

- A. Improved transparency of collaboration relationships
- B. Increased performance in balanced scorecard
- C. Reduced inventory levels for key items
- D. Better synchronization of planning and operations

**Answer:** D

#### NEW QUESTION 15

- (Topic 1)

A company has been delivering a global product that no longer appears profitable. Senior management's best response is to:

- A. analyze product profitability by market segment.
- B. discontinue the product based on eroding profitability.
- C. provide additional incentives to the sales force.
- D. increase promotional activity across all markets.

**Answer:** A

#### NEW QUESTION 18

- (Topic 1)

A firm wants to lose customers that don't value the unique products and services the firm offers and to attract and retain customers that want what the firm offers. Engaging in this activity should allow the firm to:

- A. create a more loyal customer base.
- B. improve customer satisfaction rates.
- C. increase market share.
- D. target higher-profit customers.

**Answer:** A

#### NEW QUESTION 22

- (Topic 1)

A company plans to maximize profitability by charging more for its products at retail locations than on its website. Which of the following segmentation strategies would best support this plan?

- A. Group
- B. Channel
- C. Regional
- D. Location

**Answer:** :B

#### NEW QUESTION 23

- (Topic 1)

Using an independent service provider for logistics would be most appropriate in which of the following situations?

- A. A shoe company that wants to penetrate a foreign market
- B. A business that owns plants and warehouses globally
- C. A financial services company that wants to expand its services
- D. A cable television company that wants to add services

**Answer:** A

#### NEW QUESTION 25

- (Topic 1)

Which of the following actions typically would be the first step in implementing the philosophy of customer relationship management?

- A. Creating a customer-centric organization
- B. Developing a map of the customer segments
- C. Documenting the objectives for implementation
- D. Selecting an information technology solution

**Answer:** A

#### NEW QUESTION 27

- (Topic 1)

In addition to sales history, current customer orders, and forecasted demand, which of the following data sources should be used as part of a demand management process?

- A. Inventory levels
- B. Contractual obligations
- C. Customer profitability
- D. Scheduled marketing activities

**Answer:** D

#### NEW QUESTION 32

- (Topic 1)

Keeping all other factors equal, a company typically will try to maintain higher service levels for products with:

- A. wider variety.
- B. shorter lead time.
- C. higher profit margins.
- D. lower sales volumes.

**Answer:** C

#### NEW QUESTION 34

- (Topic 1)

A company that produces standardized products and sells them through retailers via a responsive transportation system has decided to expand its sales with an online store for customized products. Which of the following distribution strategies would be the most appropriate for the business-strategy change?

- A. Local distribution centers serving retailers and online sales
- B. Centralized cross-docking facilities serving retailers and online sales
- C. A centralized distribution center serving retailers and direct shipment from the factory serving online sales
- D. A centralized distribution center serving retailers with transshipment arrangements serving online sales

**Answer:** C

#### NEW QUESTION 38

- (Topic 1)

Incorporating supplier input into product and process design helps to:

- A. maintain quality.
- B. stabilize product costs.
- C. reduce time to market.
- D. save costs to the buyer.

**Answer:** C

#### NEW QUESTION 41

- (Topic 1)

The purpose of continuous improvement in the supply chain is to:

- A. eliminate the root causes of problems.
- B. improve interorganizational communication.
- C. develop better written procedures.
- D. reduce product costs.

**Answer:** A

#### NEW QUESTION 43

- (Topic 1)

A firm has identified groups of customers based on specific characteristics the customers desire from products and services the firm can provide. Characteristics include lead times, pricing tiers, and service levels. The firm is engaged in which of the following activities?

- A. Customer differentiation
- B. Order winner segregation
- C. Market segmentation
- D. Channel definition

**Answer:** C

#### NEW QUESTION 46

- (Topic 1)

The probability of customer dissatisfaction is highest when which of the following conditions exists?

- A. Customer expectations are clearly defined.
- B. Supplier execution is too low.
- C. There is a gap between expected performance and perceived performance.
- D. There is a gap between what was indicated and what was accomplished.

**Answer:** C

#### NEW QUESTION 51

- (Topic 1)

A company manufactures special products for select customers. When demand for these products drops, the manufacturer can switch the production line to a commodity-type product that can be sold on the open market at reduced terms to generate cash. The company is executing a corporate strategy that is based on:

- A. customer focus and alignment.
- B. forecast accuracy.
- C. multiple downstream channels.
- D. multiple upstream supply chains.

**Answer:** D

#### NEW QUESTION 56

- (Topic 1)

A company's annual cost of goods sold is \$350 million, and inventory carrying cost is 18%. The company averages four inventory turns. The cost savings resulting from increasing inventory turns from four to six would be:

- A. \$29,000,000.
- B. \$15,750,000.
- C. \$10,500,000.
- D. \$ 5,250,000.

**Answer:** D

#### NEW QUESTION 57

- (Topic 1)

The most likely benefit of implementing a collaborative transportation management system is:

- A. lower distribution center operating costs.
- B. fewer transportation planners.
- C. less variability in picking and packing time.
- D. less variability in transportation costs.

**Answer:** D

#### NEW QUESTION 58

- (Topic 1)

Compared to a blanket purchase order, a supplier alliance agreement is best differentiated by:

- A. efficient material replenishment processes.
- B. clearly identified roles for the buyer and seller.
- C. a shared vision of added value.
- D. a sole-source agreement.

**Answer: C**

**NEW QUESTION 59**

- (Topic 1)

Medium-term demand management projections are used primarily to:

- A. complete strategic business planning of facilities.
- B. complete forecasts at the item level.
- C. aggregate demand for production planning.
- D. develop the master production schedule.

**Answer: C**

**NEW QUESTION 63**

- (Topic 1)

A manufacturer uses standard costing, and a potential supplier uses activity-based costing. This difference most likely will have implications for which of the following types of future decisions?

- A. Price concessions
- B. Make-or-buy
- C. Distribution warehouse locations
- D. Freight terms

**Answer: B**

**NEW QUESTION 64**

- (Topic 1)

The factors to consider in the make-or-buy decision include costs, proprietary knowledge, and:

- A. design history.
- B. available capacity.
- C. inventory balance.
- D. warehouse location.

**Answer: B**

**NEW QUESTION 67**

- (Topic 1)

Which of the following forecasting methods relies on the opinions of a panel of experts?

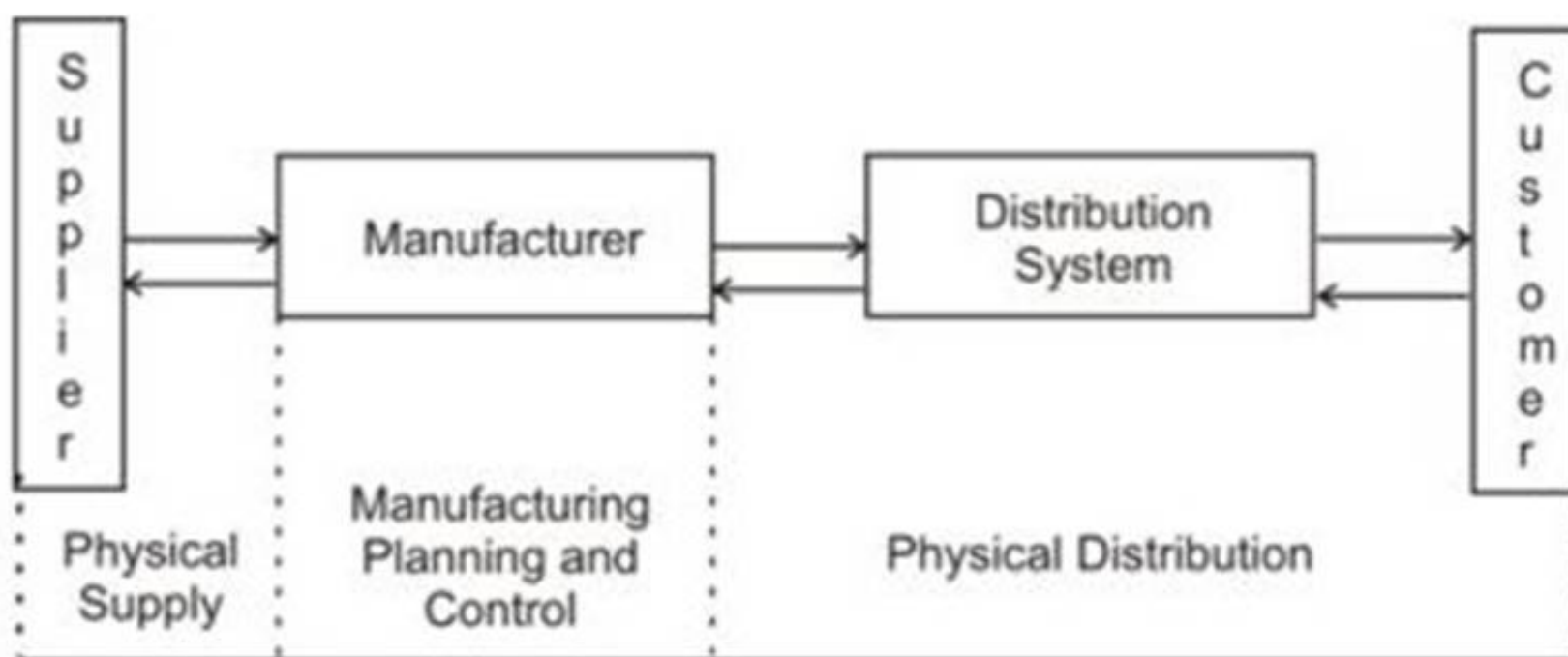
- A. Delphi technique
- B. Survey method
- C. Causal method
- D. Time series analysis

**Answer: A**

**NEW QUESTION 69**

- (Topic 1)

The question below is based on the following flowchart:



Which of the following phrases most accurately describes the complete flow of demand information?

- A. From supplier to customer
- B. From customer to manufacturer
- C. From customer to supplier
- D. From supplier to manufacturer

**Answer:** C

**NEW QUESTION 73**

- (Topic 1)

A firm supplies products and services to a wide variety of industries with varying requirements for responsiveness and reliability. Many customers across these industries are not satisfied with the firm's ability to meet the lead time and on time delivery requirements. Which of the following tools is most appropriate for the firm to use to improve customer service?

- A. Customer service ratio metrics
- B. Market segmentation
- C. Customer relationship management (CRM)
- D. Supply Chain Operations Reference (SCOR®)

**Answer:** B

**NEW QUESTION 74**

- (Topic 1)

Demand management involves which of the following undertakings?

- A. Adjusting capacity to support expected demand
- B. Engaging in activities associated with customer relationship management
- C. Creating higher customer demand by improving performance in areas such as lead time and service levels
- D. Understanding events and managing activities that could influence future demand

**Answer:** D

**NEW QUESTION 75**

- (Topic 1)

The focus of collaborative supply chain management differs from a transactional approach by its emphasis on the:

- A. transportation of goods to the next link in the chain.
- B. flow of product information up to the next level of the chain.
- C. flow of demand information and cash up the chain.
- D. flow of supply into an organization.

**Answer:** C

**NEW QUESTION 80**

- (Topic 1)

Maintaining a long-term collaborative relationship with a trading partner requires:

- A. formal and informal communication.
- B. interconnected information systems.
- C. one partner regularly exercising power.
- D. standardized terms of agreement.

**Answer:** A

**NEW QUESTION 85**

- (Topic 1)

Which of the following situations is an example of inventory being held as a way to balance supply and demand?

- A. A manufacturer holds inventory of key components to maintain a level production schedule.
- B. A manufacturer of seasonal products builds finished-goods inventory before the peak selling period.
- C. A distributor maintains safety stock of slow-moving items at a central distribution center.
- D. A retailer stocks a variety of sizes and colors of a fast-selling item to avoid losing sales.

**Answer:** B

**NEW QUESTION 89**

- (Topic 1)

Which of the following levels in a supply chain network represents the most upstream external activity?

- A. Supplier to contractor
- B. Manufacturing to supplier
- C. Customer to distribution
- D. Customer to contractor

**Answer:** A

**NEW QUESTION 93**

- (Topic 1)

A company's decision to charge different prices for the same service sold in different market segments is most likely based on which of the following metrics?



- A. Internal rate of return (IRR)
- B. Lifetime customer value (LCV)
- C. Net present value (NPV)
- D. Return on investment (ROI)

**Answer:** B

#### NEW QUESTION 97

- (Topic 2)

Potential customers of a company's new product have tight tolerance requirements. The company plans to purchase a critical component. To meet customer requirements, the company should first:

- A. implement statistical process control for the component.
- B. bring manufacturing of the critical component in-house.
- C. develop an alternate source of supply.
- D. certify the supplier of the component.

**Answer:** D

#### NEW QUESTION 100

- (Topic 2)

The strategy to implement supplier relationship management has been developed. The most appropriate next step is to:

- A. develop criteria for prospective partners.
- B. develop policies for alliances.
- C. select initial partners.
- D. conduct a pilot implementation.

**Answer:** A

#### NEW QUESTION 103

- (Topic 2)

The social dimension of sustainability typically would be addressed when developing and implementing policies regarding:

- A. accounting practices.
- B. biodiversity protection.
- C. conflicts of interest.
- D. waste reduction.

**Answer:** C

#### NEW QUESTION 108

- (Topic 2)

A company produces and distributes a family of soft drinks in a single country. It has developed and will introduce a new family of soft drinks for weight- and health-conscious individuals. There currently are no competitors with nationwide distribution for this category of soft drinks. Which of the following supply chain strategies would be most appropriate for the two product families?

- A. Produce both product families to forecast and push through the distribution system.
- B. Produce both product families only after receipt of a distributor order.
- C. Produce the current product family to forecast and the new product family to order.
- D. Produce the current product family to order and the new product family to forecast.

**Answer:** C

#### NEW QUESTION 113

- (Topic 2)

Managing supply chain risks includes which of the following activities?

- A. Developing alternatives to key suppliers
- B. Setting aside funds for disruption-recovery efforts
- C. Charging each supply chain partner a portion of risk cost
- D. Creating extra inventory to cover disruptions in the supply chain

**Answer:** A

#### NEW QUESTION 114

- (Topic 2)

Which of the following warehousing tools enables wireless scanning of products?

- A. Magnetic stripes
- B. Universal product codes
- C. Radio frequency devices
- D. Local area network

**Answer:** C



#### NEW QUESTION 116

- (Topic 2)

Allowing for organizational restructuring is an example of which of the following steps in creating successful strategic alliances among suppliers?

- A. Managing multifaceted relationships
- B. Negotiating a win-win deal
- C. Planning for change
- D. Conducting pulse checks

**Answer: C**

#### NEW QUESTION 121

- (Topic 2)

A company closely monitors supplier performance and notices recent late deliveries from one supplier. The supplier discloses flood damage at the plant. The company quickly shifts sourcing to a new supplier and has minimal loss of sales. Which of the following risk strategies reflects the company's actions?

- A. Achieving low cost through reaction
- B. Creating an adaptive supply chain community
- C. Reducing supply chain vulnerability
- D. Investing in redundancy

**Answer: B**

#### NEW QUESTION 124

- (Topic 2)

A corporation must consider which of the following factors when selecting its enterprise resources planning system?

- A. Uniqueness of operations
- B. Corporate profitability
- C. MRP and MRP II processing
- D. Industry benchmarks

**Answer: A**

#### NEW QUESTION 129

- (Topic 2)

Which of the following statements about the use of bar code labels for product identification in the supply chain is true?

- A. They have been replaced by radio frequency identification tags.
- B. They can be read by devices 1 to 3 meters from the item.
- C. They facilitate the capture of information about the location of items.
- D. Each of the trading partners must apply a unique label.

**Answer: C**

#### NEW QUESTION 133

- (Topic 2)

Distribution from which of the following types of sites enables goods to enter a country, undergo further modification, and then be exported without paying customs duties?

- A. Public warehouse
- B. Value-added territory
- C. Free trade zone
- D. Customs clearing house

**Answer: C**

#### NEW QUESTION 136

- (Topic 2)

The most appropriate reason for a business to comply with the United Nations (UN) Global Compact practices typically would be to:

- A. enhance the competitive advantage.
- B. gain access to proven management tools.
- C. reduce the threat of organized labor.
- D. reduce the cost of operating in multiple countries.

**Answer: A**

#### NEW QUESTION 140

- (Topic 2)

A product design that can be produced to requirements even when conditions in the production process are unfavorable typically is known as what type of design?

- A. Universal
- B. Computer-aided
- C. Modular
- D. Robust

**Answer:** D

**NEW QUESTION 141**

- (Topic 2)

When an importer and manufacturer are operating in a free trade zone, payment of a customs duty is triggered when products are:

- A. returned.
- B. assembled.
- C. stored.
- D. distributed.

**Answer:** D

**NEW QUESTION 145**

- (Topic 2)

Inventory parameters established using analytic inventory techniques typically are based on balancing:

- A. supply and dependent demand.
- B. customer service and inventory costs.
- C. transportation and warehousing costs.
- D. inventory levels and decision-making costs.

**Answer:** B

**NEW QUESTION 147**

- (Topic 2)

Customizing can be an effective warehousing strategy because it allows a company to:

- A. allocate available storage space to optimize handling costs.
- B. address trade-offs between space and material handling needs.
- C. effectively design its inbound and outbound dock areas.
- D. add value to the product through modification, labeling, and packaging.

**Answer:** D

**NEW QUESTION 149**

- (Topic 2)

The process used to determine the impact of promotions, price discounts, and rebates on demand forecasts commonly is referred to as demand:

- A. planning.
- B. forecasting.
- C. aggregating.
- D. shaping.

**Answer:** D

**NEW QUESTION 151**

- (Topic 2)

An increase in the inventory turnover rate for a supply chain typically would indicate that there has been a reduction in:

- A. prices to the end user.
- B. supply chain cost of sales.
- C. the manufacturer's inventory.
- D. the total supply chain inventory.

**Answer:** D

**NEW QUESTION 155**

- (Topic 2)

Implementation of supply chain applications based on which of the following technologies is most likely to have the lowest fixed costs?

- A. Best of breed packages
- B. One integrated package
- C. Service-oriented architecture
- D. Software-as-a-service

**Answer:** D

**NEW QUESTION 158**

- (Topic 2)

A manufacturer of consumer packaged goods with a single plant and nine regional distribution centers is considering reducing the number of distribution centers in its system. Reducing the number of distribution centers most likely will reduce fixed warehousing and the cost of:

- A. storing cycle inventory in the distribution centers.
- B. storing finished-goods inventory at the manufacturing plants.

- C. transportation from the distribution centers to the customer.
- D. transportation from the plant to the distribution centers.

**Answer:** D

#### NEW QUESTION 160

- (Topic 2)

The demand side of a traditional warehouse management system primarily is concerned with:

- A. receiving incoming goods.
- B. assigning storage locations.
- C. assembling outbound orders.
- D. forecasting product demand.

**Answer:** C

#### NEW QUESTION 165

- (Topic 2)

Which of the following distribution approaches for a low-volume, high-variety product line typically will result in the highest level of customer service and the lowest total distribution costs?

- A. Direct shipment from plant to customers
- B. Shipment from a central distribution warehouse
- C. Shipment through a multi-echelon distribution network
- D. Outsourcing the distribution function

**Answer:** A

#### NEW QUESTION 168

- (Topic 2)

The best way to manage a business relationship is to measure performance to:

- A. cost of ownership metrics.
- B. quality targets.
- C. on-time delivery.
- D. agreed-upon metrics.

**Answer:** D

#### NEW QUESTION 172

- (Topic 2)

A toy company decides to buy more products from an overseas company to reduce costs. To make sure that goods clear customs more quickly, the company most likely would engage a:

- A. consolidator.
- B. overseas carrier.
- C. shipping association.
- D. freight forwarder.

**Answer:** D

#### NEW QUESTION 173

- (Topic 2)

A manufacturer is the leader of a group of trading partners that are collaborating to improve customer service levels and profitability. Which of the following methodologies would be most appropriate for synchronizing supply and demand across the supply chain?

- A. Sales and operations planning
- B. Distribution requirements planning
- C. Supply Chain Operations Reference-model
- D. Supply chain event management

**Answer:** A

#### NEW QUESTION 177

- (Topic 2)

A firm is undertaking a revision of its financial metrics to make them more comprehensive and has decided to use metrics such as return on investment (ROI), return on assets (ROA), and economic value added (EVA). This is an example of utilizing which of the following types of metrics?

- A. Activity based
- B. Stakeholder focused
- C. Financial sustainability
- D. Value chain

**Answer:** C

#### NEW QUESTION 182

- (Topic 3)

Which of the following outcomes is an advantage of automating the request-for-quote process?

- A. Reducing cycle time
- B. Disposing of excess inventories
- C. Centralization of product service content
- D. Enabling contract management

**Answer:** A

#### **NEW QUESTION 187**

- (Topic 3)

Which of the following outcomes most likely is the primary reason for outsourcing production of a new product?

- A. Increase control of the supply chain
- B. Increase flexibility of the supply chain
- C. Reduce required capital investment
- D. Reduce the need for skilled workers

**Answer:** C

#### **NEW QUESTION 188**

- (Topic 3)

On-time delivery performance in the supply chain can best be improved by aligning required capacity with what type of capacity?

- A. Demonstrated
- B. Rated
- C. Budgeted
- D. Theoretical

**Answer:** A

#### **NEW QUESTION 192**

- (Topic 3)

Qualitative forecasting methods are most appropriate for projecting demand for:

- A. commodity products.
- B. families of products.
- C. breakthrough products.
- D. raw materials.

**Answer:** C

#### **NEW QUESTION 196**

- (Topic 3)

Measurement of service to the customer should consider which of the following strategic priorities?

- A. Cash flow
- B. Responsiveness
- C. Order cycle time
- D. Forecast accuracy

**Answer:** B

#### **NEW QUESTION 201**

- (Topic 3)

Which of the following constraints is most important to consider when adapting a vertical integration strategy?

- A. Location of suppliers
- B. Location of customers
- C. Capital requirements
- D. Size of existing manufacturing plant

**Answer:** C

#### **NEW QUESTION 204**

- (Topic 3)

A company operates under a make-to-order policy, and its supplier operates under a make-to-stock policy. Which of the following risks poses the greatest threat?

- A. Inventory risk for the company
- B. Inventory risk for the supplier
- C. Debt leverage risk for the company
- D. Debt leverage risk for the supplier

**Answer:** B

#### NEW QUESTION 205

- (Topic 3)

To ensure a successful relationship, trading partners must adapt their organizations to leverage advantages found in cross-supply-chain collaboration because:

- A. customers and suppliers are not interactive.
- B. cross-functional support can be offered only by the central source.
- C. all entities are collectively responsible for growth of revenue and profits.
- D. risks in supplier/customer negotiations are reduced.

**Answer:** :C

#### NEW QUESTION 207

- (Topic 3)

Which of the following factors is the most important driver of supply chain change?

- A. Health and safety concerns
- B. Competitor actions
- C. Government regulations
- D. Customer perceptions of value

**Answer:** D

#### NEW QUESTION 212

- (Topic 3)

The primary risk that must be considered when lean practices are applied to a supply chain network is:

- A. decreased operations flexibility.
- B. decreased inventory availability.
- C. increased total ordering costs.
- D. increased customer returns.

**Answer:** B

#### NEW QUESTION 213

- (Topic 3)

When establishing third-party and fourth-party logistics relationships, a firm should avoid providers who:

- A. use a proprietary information system.
- B. constantly update their information technology and equipment.
- C. provide extensive reporting on each customer interaction.
- D. meet customer requirements through regional warehousing.

**Answer:** A

#### NEW QUESTION 217

- (Topic 3)

Organizations that change from a traditional purchasing perspective to a supply chain perspective most likely will adopt techniques related to:

- A. product pricing.
- B. value stream analysis.
- C. centralized decision making.
- D. sourcing multiple suppliers.

**Answer:** B

#### NEW QUESTION 218

- (Topic 3)

Prioritizing customer needs is best accomplished by:

- A. sharing information with key customers.
- B. installing a new enterprise resources planning system.
- C. responding to customer requests in the order they are received.
- D. establishing policies and procedures for honoring customer requests.

**Answer:** D

#### NEW QUESTION 223

- (Topic 3)

Which of the following factors should be considered when establishing an inventory policy?

- A. Customer demand
- B. Selling price history
- C. Historical service levels
- D. Number of customers

**Answer:** A

#### NEW QUESTION 226

- (Topic 3)

The primary benefit a company is likely to achieve when setting time fences is:

- A. reducing lead time.
- B. providing a steady schedule for suppliers.
- C. interpreting forecast properly.
- D. maintaining a stable flow.

**Answer:** :D

#### NEW QUESTION 227

- (Topic 3)

Market segmentation is important within the logistics function because it:

- A. leads to profitable exchanges with the customer and creates intrinsic customer value
- B. supports transactional marketing priorities for successful commodity exchanges to customers globally
- C. enables companies to position their products throughout the distributor network based on customer need
- D. creates perception in the mind of the customer as available products and services are exchanged

**Answer:** C

#### NEW QUESTION 230

- (Topic 3)

A firm may use which of the following technologies to track the flow of inventory across its entire supply chain?

- A. Distribution requirements planning
- B. Radio frequency identification
- C. Transportation management system
- D. Warehouse management system

**Answer:** B

#### NEW QUESTION 231

- (Topic 3)

Which of the following activities is an important phase of product life-cycle management?

- A. Developing supplier relationships
- B. Implementing performance measurements
- C. Designing supply chain logistics
- D. Incorporating key design elements

**Answer:** D

#### NEW QUESTION 235

- (Topic 3)

Which of the following technologies directly enables pulling products through the supply chain?

- A. Automatic identification system (AIS)
- B. Point of sale (POS) system
- C. Customer relationship management (CRM)
- D. Supply chain event management (SCEM)

**Answer:** B

#### NEW QUESTION 236

- (Topic 3)

A distribution requirements planning system is implemented primarily to monitor or manage:

- A. supplier capacity.
- B. customer demand.
- C. inventory replenishment.
- D. demand variation.

**Answer:** C

#### NEW QUESTION 240

- (Topic 3)

When profit impact is high and supply risk is low for an item, which of the following procurement strategies is most likely to be effective and successful?

- A. Leveraging purchasing power
- B. Forming a long-term partnership
- C. Automating the procurement process
- D. Ensuring continuous supply

**Answer:**

A

**NEW QUESTION 245**

- (Topic 3)

Which of the following types of lead times is related most closely to a supplier performance measure?

- A. Fulfillment
- B. Replenishment
- C. Overall
- D. Process

**Answer: B**

**NEW QUESTION 246**

- (Topic 3)

A company used Global Reporting Initiative guidelines to complete a self-assessment. Which of the following actions would be the most appropriate next step?

- A. Share information with all stakeholders
- B. Obtain top management support
- C. Identify action items
- D. Conduct gap analysis

**Answer: D**

**NEW QUESTION 247**

- (Topic 3)

The most useful inventory costing method which enables purchase price variance analysis is:

- A. average costing.
- B. standard costing.
- C. last in first out (LIFO) costing.
- D. first in first out (FIFO) costing.

**Answer: B**

**NEW QUESTION 249**

- (Topic 3)

A company has outsourced a high volume of assembly work to top-tier suppliers, thereby reducing the overall number of suppliers they directly manage. Which of the following actions must the company perform to mitigate risk?

- A. Monitor lead times at sub-tier suppliers
- B. Maintain direct relationships with sub-tier suppliers
- C. Execute all terms of contracts at sub-tier suppliers
- D. Purchase all critical components for assembly at the company

**Answer: B**

**NEW QUESTION 251**

- (Topic 3)

Which of the following factors is the most appropriate measure of delivery performance for finished goods?

- A. Perfect order fulfillment
- B. On-time delivery
- C. Load efficiency
- D. Available-to-promise

**Answer: A**

**NEW QUESTION 256**

- (Topic 3)

Which of the following objectives is the primary driver in the design and implementation of lean process management?

- A. Reducing the level of inventory
- B. Decreasing the cash-to-cash cycle
- C. Integrating processes between departments
- D. Satisfying customer requirements

**Answer: D**

**NEW QUESTION 257**

- (Topic 3)

A company that is having difficulties prioritizing resources against a long list of improvement projects should use which of the following processes?

- A. Control chart



- B. Competitive benchmarking
- C. Pareto analysis
- D. Six Sigma

**Answer:** C

**NEW QUESTION 261**

- (Topic 3)

A company has recently implemented a vendor-managed inventory (VMI) program with several key suppliers but quality issues are disrupting production. Which of the following actions would be more effective in dealing with these issues?

- A. Tighten the quality tolerances
- B. Implement a supplier certification program
- C. Implement quality inspection at the receiving dock
- D. Charge back to the supplier the rework and scrap costs

**Answer:** B

**NEW QUESTION 266**

- (Topic 3)

Purchased component standardization generates savings primarily by reducing:

- A. assembly costs through economies of scale.
- B. engineering costs due to lower testing requirements.
- C. inventory control costs due to smaller shelf space requirements.
- D. inventory transportation costs by using economical modes.

**Answer:** A

**NEW QUESTION 268**

- (Topic 3)

A master production schedule serves a company best by functioning as a:

- A. dispatch list.
- B. forecast system buffer.
- C. priority planning tool.
- D. supplier scheduling system.

**Answer:** C

**NEW QUESTION 273**

- (Topic 3)

Standardization of supply chain processes is most likely to facilitate achievement of which of the following activities?

- A. Reducing the total cost of ownership
- B. Tracking the effects of improvement initiatives
- C. Creating project consensus
- D. Understanding of operational metrics

**Answer:** B

**NEW QUESTION 278**

- (Topic 3)

A retailer wants to partner with its suppliers to implement automatic replenishment of inventories and joint sales forecasts. Which of the following supply chain management technologies most likely would support the retailer's strategy?

- A. Advanced planning and scheduling
- B. Collaborative planning, forecasting, and replenishment
- C. Supplier relationship management applications
- D. Radio frequency identification (RFID) tags

**Answer:** B

**NEW QUESTION 280**

- (Topic 3)

Which of the following supply chain strategies should be chosen if the lead-time for a product is long and the demand is not predictable?

- A. Inventory positioning
- B. Pull replenishment
- C. Continuous replenishment
- D. Push system

**Answer:** A

**NEW QUESTION 282**

- (Topic 3)

A procurement manager wants to reduce costs on commodity items. Which of the following actions is likely to result in the greatest savings?

- A. Conducting a supplier review and recertification
- B. Renegotiating contracts with commodity suppliers
- C. Standardizing and eliminating redundant items
- D. Leveraging group purchasing power

**Answer: D**

#### **NEW QUESTION 284**

- (Topic 3)

A company that desires to implement a strategy for inventory management must define which of the following factors?

- A. Reliability and maintainability requirements
- B. Variability in the customer demand
- C. Overall item effectiveness
- D. Inventory carrying costs

**Answer: B**

#### **NEW QUESTION 285**

- (Topic 3)

Which of the following variables is the most appropriate customer-facing goal used to determine the target inventory level?

- A. Inventory turns
- B. Level of service
- C. Total delivery cost
- D. Delivery lead time

**Answer: B**

#### **NEW QUESTION 286**

- (Topic 3)

Which of the following tradeoffs should be considered when selecting logistics options?

- A. Safety stock levels and customer service levels
- B. Inventory levels and scheduling operations
- C. Transportation cost and speed of delivery
- D. Centralized and decentralized distribution network

**Answer: C**

#### **NEW QUESTION 288**

- (Topic 3)

Variation in upstream requirements can be reduced by increasing:

- A. demand visibility.
- B. production capacity.
- C. product features.
- D. safety stock.

**Answer: A**

#### **NEW QUESTION 290**

- (Topic 3)

A manufacturer has direct relationships with its tier 1 suppliers. Which of the following supplier capabilities is a benefit to the manufacturer establishing a direct relationship with lower-tier suppliers?

- A. Provides smaller lot sizes
- B. Provides components with short lead times
- C. Provides Just in Time deliveries
- D. Provides information about impending shifts in the economy

**Answer: D**

#### **NEW QUESTION 294**

- (Topic 3)

Which of the following factors typically is most critical to effective change management?

- A. Early involvement of key stakeholders
- B. Extensive stakeholder education
- C. Analysis of the root causes of problems
- D. Quantification of potential benefits of the change

**Answer: :A**

#### NEW QUESTION 295

- (Topic 3)

Which of the following manufacturing strategies would run the greatest risk of increasing obsolete inventory costs?

- A. Make-to-stock
- B. Assemble-to-order
- C. Make-to-order
- D. Engineer-to-order

**Answer:** A

#### NEW QUESTION 299

- (Topic 3)

Which of the following procurement strategies is most appropriate for a high-risk, high- value item?

- A. Procuring in bulk to take advantage of volume pricing
- B. Using an electronic trading platform to source items securely
- C. Entering into vendor managed inventory (VMI) agreement
- D. Creating a close collaborative relationship with the supplier

**Answer:** D

#### NEW QUESTION 301

- (Topic 3)

Which of the following activities occurs as part of the sales and operations planning process?

- A. Time fences are matched to master production schedule horizons.
- B. The next quarter's forecasts are presented by sales staff to finance and operations personnel at the final meeting.
- C. Strategic plans are adjusted based on changing operating situations.
- D. Plans are converted to financial projections and capacity requirements.

**Answer:** D

#### NEW QUESTION 302

- (Topic 3)

A manufacturer's inventory levels are growing and service levels are dropping. Which of the following supply chain strategies is most appropriate to reduce inventory and improve service?

- A. Increase the safety stock on all items.
- B. Reduce the setup time.
- C. Optimize the total cost.
- D. Implement batch operations.

**Answer:** B

#### NEW QUESTION 306

- (Topic 3)

Which of the following activities is forbidden in a foreign trade zone?

- A. Remarketing or repackaging imports to avoid fines
- B. Breaking up large shipments to reduce import duties
- C. Reexporting goods without paying duties
- D. Conducting retail trade

**Answer:** D

#### NEW QUESTION 310

- (Topic 3)

The production scheduler for a bottleneck resource should:

- A. schedule additional preventive maintenance for the resource.
- B. ensure a constant queue of work waiting to be processed.
- C. increase production lot sizes to increase utilization of resources.
- D. implement pull signals for production of the bottleneck resource.

**Answer:** B

#### NEW QUESTION 314

- (Topic 3)

A primary reason for enhancing supply chain security is to:

- A. meet government requirements.
- B. reduce insurance costs.
- C. improve lead time.
- D. protect brand image.

**Answer:**

D

**NEW QUESTION 317**

- (Topic 3)

A company discovers that several high-volume customers have very erratic ordering patterns. Which of the following actions is most likely to reduce variability?

- A. Checking the demand status multiple times daily
- B. Establishing Internet-enabled collaborative relationships
- C. Implementing electronic data interchange transactions
- D. Increasing safety-stock levels for items these customers order

**Answer: B**

**NEW QUESTION 319**

- (Topic 3)

A company produces to stock and sells its products to distributors. The factor that most likely will contribute to the risk of loss in inventory investment is the:

- A. accuracy of demand forecasts.
- B. replenishment lead time.
- C. level of product quality.
- D. variability in supply.

**Answer: A**

**NEW QUESTION 323**

- (Topic 3)

A common benefit of including an automatic identification system (AIS) at the point of sale (POS) in retail stores is improved:

- A. shipment traceability.
- B. unit inventory precision.
- C. sales revenue tracking.
- D. information integrity of freight bills.

**Answer: B**

**NEW QUESTION 326**

- (Topic 3)

A company uses cash-to-cash cycle time to assess how long it takes from:

- A. receiving inventory from the supplier to paying the invoice from the supplier.
- B. receiving inventory from the supplier to invoicing the customer.
- C. paying the supplier for inventory received to receiving payment from the customer.
- D. invoicing a customer to receiving payment from the customer.

**Answer: C**

**NEW QUESTION 330**

- (Topic 3)

Companies interested in developing programs to pinpoint customer loyalty rely on customer relationship management tools that produce which of the following outputs?

- A. Transaction management
- B. Forecast, process, and information sharing
- C. Churn analysis and prediction
- D. Event and service management

**Answer: C**

**NEW QUESTION 333**

- (Topic 3)

A supplier has decided to improve its forecast accuracy by reducing the information lead time from the retailer. Which of the following actions would be most appropriate to achieve the desired result?

- A. Eliminating sales and promotions
- B. Decentralizing demand information
- C. Reducing its quoted lead time
- D. Utilizing electronic data interchange

**Answer: D**

**NEW QUESTION 337**

- (Topic 3)

Which of the following factors is most important to consider when deciding on offshore outsourcing of manufacturing to a supplier?

- A. Size of the supplier organization
- B. Total cost of ownership

- C. Supplier performance history
- D. Supplier certification

**Answer:** B

**NEW QUESTION 341**

- (Topic 3)

Which of the following outcomes is the primary benefit to an organization that develops a supplier certification program?

- A. Supplier capability is documented.
- B. Inspection costs are reduced.
- C. Delivery time is improved.
- D. Negotiating power is strengthened for the certifying organization.

**Answer:** B

**NEW QUESTION 344**

- (Topic 3)

Which of the following factors is most likely to slow the adoption of collaborative planning, forecasting, and replenishment (CPFR)?

- A. The reluctance to share detailed information
- B. The cost of electronic data interchange services
- C. The risk that changed processes will disrupt operations
- D. The risk of security breaches

**Answer:** A

**NEW QUESTION 347**

- (Topic 3)

Which of the following techniques allows users to automate the notification of appropriate parties when exceptions to specific business rules occur?

- A. Enterprise resources planning
- B. Supply chain event management
- C. Advanced planning and scheduling
- D. Automatic identification and data capture

**Answer:** B

**NEW QUESTION 348**

- (Topic 3)

Which of the following statements is true when a contract manufacturing agreement is implemented?

- A. There is no longer a need for material requirements planning.
- B. The total cost of acquiring products will decrease.
- C. Communications and project management are key factors for success.
- D. Assets on the contract manufacturer's balance sheet typically will decrease.

**Answer:** C

**NEW QUESTION 353**

- (Topic 3)

Which of the following tools is most important in developing strategic sourcing?

- A. Price break analysis
- B. Network analysis
- C. Blanket purchase order
- D. Spend analysis

**Answer:** D

**NEW QUESTION 355**

- (Topic 3)

A manufacturer with operations in an area prone to natural disasters is reviewing its sustainability strategy. Which of the following production strategies should the company implement to reduce the risk of supply interruptions?

- A. Centralized
- B. Decentralized
- C. Make-to-order
- D. Engineer-to-order

**Answer:** B

**NEW QUESTION 356**

- (Topic 3)

The primary contribution from an enterprise resources planning system in building supply chain capability is:

- A. real-time manufacturing planning.
- B. improved decision making.
- C. ease of implementation.
- D. timely order tracking.

**Answer:** B

**NEW QUESTION 360**

- (Topic 3)

If a firm has 35 days of accounts payable outstanding and 55 days invested in inventory, and its cash-to-cash cycle time is 90 days, what is the number of days of accounts receivable?

- A. 70
- B. 90
- C. 110
- D. 180

**Answer:** A

**NEW QUESTION 364**

- (Topic 3)

What are the three principle categories of forecasting methods?

- A. Seasonal, trend, and promotional events
- B. Moving average, exponential smoothing, and Holt-Winters
- C. Qualitative, extrinsic, and intrinsic
- D. Annual, monthly, and daily requirements

**Answer:** C

**NEW QUESTION 366**

- (Topic 3)

Which of the following reverse logistics activities involves reusing refurbished products?

- A. Return management
- B. Disposal and reclamation
- C. Decomposing and recycling
- D. Remanufacturing and repair

**Answer:** D

**NEW QUESTION 371**

- (Topic 3)

The implementation of major enterprise-wide changes to eliminate or significantly reduce waste is related to which of the following concepts?

- A. Kaizen
- B. Kanban
- C. Six Sigma
- D. Lean

**Answer:** D

**NEW QUESTION 373**

- (Topic 3)

The relative speed at which all transactions within the supply chain process occur is known as:

- A. the cycle time.
- B. velocity.
- C. latency.
- D. throughput.

**Answer:** B

**NEW QUESTION 374**

- (Topic 3)

The most appropriate approach to balance supply and demand over the medium term is:

- A. Enterprise resource planning (ERP)
- B. Business planning
- C. Strategic planning
- D. Sales and operations planning (S&OP)

**Answer:** D

**NEW QUESTION 375**

- (Topic 3)

Which of the following metrics is the most appropriate measure of supply chain responsiveness?

- A. Order fulfillment lead times
- B. Percentage of orders delivered on time
- C. Retail inventory days of supply
- D. Upside production flexibility

**Answer:** D

#### **NEW QUESTION 377**

- (Topic 3)

An office furniture manufacturer observed that customers preferred to configure desks based on their available office space. To keep product costs to a minimum, yet satisfy customer needs, the company should choose which of the following design strategies?

- A. Modularity
- B. Component commonality
- C. Mass customization
- D. Standardization

**Answer:** A

#### **NEW QUESTION 378**

- (Topic 3)

What is the appropriate supply chain strategy for a product with low demand uncertainty and high economies of scale?

- A. Pull
- B. Push
- C. Push-pull
- D. Postponement

**Answer:** B

#### **NEW QUESTION 379**

- (Topic 3)

Marketing affects supply chain management decisions primarily by its involvement in:

- A. analyzing economic indicators.
- B. pricing, placing, and promoting products.
- C. determining product requirements.
- D. determining forecast error.

**Answer:** B

#### **NEW QUESTION 380**

- (Topic 3)

The primary focus of lean manufacturing is:

- A. eliminating activities that do not add value.
- B. reducing inventory levels.
- C. optimizing production activities.
- D. maximizing the output of constraints.

**Answer:** A

#### **NEW QUESTION 382**

- (Topic 3)

Designing a supply chain to maximize responsiveness and flexibility is most appropriate for which of the following types of organizations?

- A. Public utility provider
- B. Configurable products manufacturer
- C. Commodity goods supplier
- D. Luxury goods manufacturer

**Answer:** B

#### **NEW QUESTION 384**

- (Topic 3)

Which two of the following tools should be used with an enterprise resources planning system to build realistic supply chain models and to plan the most profitable flow of goods across the chain?

- A. An advanced planning and scheduling system and simulators
- B. An inventory planning and management system and simulators
- C. A vendor managed inventory system and customer relationship management
- D. Customer activity planning and logistics management



**Answer:** A

**NEW QUESTION 388**

- (Topic 3)

Which of the following benefits should a supplier expect to receive by becoming a certified supplier?

- A. Reduction in redundant processes with buyer
- B. Increase in price of items sold
- C. Increase in access to competitive information
- D. Reduction in number of items utilizing vendor-managed inventory

**Answer:** A

**NEW QUESTION 393**

- (Topic 3)

Which of the following measures typically would be considered an aspect of the environmental impact of a supply chain?

- A. Amount of funds invested in infrastructure improvements
- B. Hours of employee education about environmental stewardship
- C. Weight and volume of packaging materials used
- D. Total number of people making a living wage

**Answer:** C

**NEW QUESTION 397**

- (Topic 3)

Which of the following constituents typically must provide information first to effectively improve supply chain design?

- A. Supplier
- B. Distribution system
- C. Manufacturing
- D. Customer

**Answer:** D

**NEW QUESTION 402**

- (Topic 3)

Which of the following actions is an initial step in a continuous process improvement model?

- A. Creating a flowchart to map the process
- B. Benchmarking against another company
- C. Setting specific performance goals
- D. Developing a realistic project plan

**Answer:** A

**NEW QUESTION 404**

- (Topic 3)

A large bicycle company has outsourced manufacturing and needs to respond immediately to any logistics problems in the supply chain. The best technological solution to meet this need is:

- A. enterprise resources planning.
- B. supply chain event management.
- C. supplier relationship management.
- D. a transportation management system.

**Answer:** B

**NEW QUESTION 407**

- (Topic 3)

Which of the following strategies typically will require the lowest inventory investment and deliver the shortest lead time?

- A. Producing finished goods to forecast and shipping directly to customers
- B. Producing finished goods to forecast and distributing through a multi-echelon network
- C. Producing subassemblies to forecast and doing final assembly and shipping from the factory
- D. Producing subassemblies to forecast and doing final assembly and shipping from regional centers

**Answer:** D

**NEW QUESTION 411**

- (Topic 3)

A manufacturing company with limited competence in logistics plans to expand into an international market. The most appropriate initial action the company should take is to:

- A. buy a distribution company.

- B. build a distribution network.
- C. engage a third-party logistics company.
- D. gain logistics experience.

**Answer:** C

**NEW QUESTION 415**

- (Topic 3)

A company has adequate average available capacity but does not maintain surge capacity. With a distribution route to manage, which of the following actions will provide the most capacity relief?

- A. Increasing order-fulfillment lead times
- B. Implementing allocation
- C. Increasing prices with a 30-day effective date
- D. Increasing product queue times

**Answer:** A

**NEW QUESTION 417**

- (Topic 3)

Continuous process improvement is characterized by which two of the following key steps?

- A. Quality circles and benchmarking
- B. Process review and supplier audits
- C. Analysis and assessment
- D. Observation and selection

**Answer:** C

**NEW QUESTION 422**

- (Topic 3)

A consumer goods manufacturer has introduced a new frozen product and encountered problems applying package labels consistently. Which of the following methodologies would be most appropriate to use to identify the root cause of the problem?

- A. Six sigma
- B. Statistical process control
- C. Lean production
- D. Theory of constraints

**Answer:** A

**NEW QUESTION 426**

- (Topic 3)

Compared to the traditional enterprise resources planning (ERP) system, an electronic business system (EBS) is preferred for today's e-business solution because EBS:

- A. is more flexible and functional.
- B. is the backbone of outsourcing services.
- C. has converged with Web-based applications to form a grouping of business software functions.
- D. encompasses e-procurement as a traditional purchasing function.

**Answer:** C

**NEW QUESTION 431**

- (Topic 3)

A manufacturer experiences frequent changes in product technology and market preferences, resulting in new product introductions each year. Which of the following sourcing strategies would be most appropriate?

- A. Sole sourcing
- B. Multiple sourcing
- C. Long-term contracting
- D. Strategic partnering

**Answer:** D

**NEW QUESTION 433**

- (Topic 3)

The use of kanban for item replenishment by external suppliers requires:

- A. accurate long-term forecasts.
- B. returnable plastic containers.
- C. close communication about component usage.
- D. a process for the reverse supply chain.

**Answer:** C

**NEW QUESTION 435**

- (Topic 3)

E-business allows a firm to capitalize on the use of systems that:

- A. speed the receipt of e-mails between companies.
- B. permit real-time use of supply chain data.
- C. permit the use of batch-processed data.
- D. ensure security of proprietary data.

**Answer: B**

**NEW QUESTION 437**

- (Topic 3)

Value stream mapping provides the most benefit when:

- A. analyzing customer requirements.
- B. identifying nonvalue-added activities.
- C. planning kaizen events.
- D. implementing an information technology strategy.

**Answer: B**

**NEW QUESTION 442**

- (Topic 3)

Which of the following circumstances best describes a roadblock to implementing customer relationship management and supplier relationship management?

- A. Concern about conflicts of interest with partners in the supply chain
- B. Lack of defined industry standards
- C. Deterioration of customer service levels
- D. Increased access to information for supply chain partners

**Answer: A**

**NEW QUESTION 445**

- (Topic 3)

A company regularly issues sustainability reports in accordance with the Global Reporting Initiative (GRI) framework and uses the reports to track continuous improvement. Which of the following topics could be found in the sustainability reports?

- A. Labor practices
- B. Product specifications
- C. Raw material costs
- D. Currency exchange rates

**Answer: A**

**NEW QUESTION 447**

- (Topic 3)

The logistics value proposition involves matching:

- A. identification of appropriate sourcing partners with service reliability metrics.
- B. activity-based costing practices with supply chain financial strategy.
- C. cost minimization practices with balanced scoreboard performance.
- D. operating competency and commitment with key customer requirements.

**Answer: D**

**NEW QUESTION 448**

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