

APICS

Exam Questions CSCP

Certified Supply Chain Professional



NEW QUESTION 1

- (Topic 1)

The main benefit of a mass customization product design strategy is to:

- A. sell high quantities of product to specific customer segments.
- B. achieve economies of scale in purchasing components.
- C. offer more product variety while keeping inventories low.
- D. avoid assembly of finished products.

Answer: C

NEW QUESTION 2

- (Topic 1)

Which of the following scenarios represents a correct application of the Supply-Chain Operations Reference-model (SCOR)?

- A. Sales and marketing refers to SCOR to improve demand generation.
- B. Production and engineering uses SCOR best practices to design a new "make" process flow.
- C. Distribution and logistics selects suppliers from the SCOR reference list.
- D. Marketing and development incorporates SCOR Level I metrics for new product design.

Answer: B

NEW QUESTION 3

- (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 4

- (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 5

- (Topic 1)

Which of the following consequences is a result of shipping directly from the point of manufacture to the customer rather than through a distribution network?

- A. Delivery lead times are consistent.
- B. Risk pooling benefits are negated.
- C. Distribution overhead is increased.
- D. Order-fill rate is decreased.

Answer: B

NEW QUESTION 6

- (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 7

- (Topic 1)

The use of a seasonal index as a forecasting technique measures the ratio of the:

- A. average seasonal demand to the average demand for all periods.
- B. average demand for all periods to the average seasonal demand.
- C. average seasonal demand to the standard deviation of the demand for all periods.
- D. standard deviation of the seasonal demand to the standard deviation of demand for all periods.

Answer: A

NEW QUESTION 8

- (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 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 marketing strategies emphasizes offering services at a lower price than rival services with comparable features?

- A. Cost leadership
- B. Service differentiation
- C. Customer focus
- D. Market responsiveness

Answer: A

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 13

- (Topic 1)

A manufacturer can simplify the forecasting process by pooling demand forecasts for a product group and then:

- A. averaging total demand and spreading it evenly across all items.
- B. disaggregating demand to the item level based on marketing input.
- C. disaggregating demand to the item level based on historical proportions.
- D. allocating demand to each production site.

Answer: C

NEW QUESTION 15

- (Topic 1)

The process of gathering data about what customers need and ensuring that desired features are included in the design and initial planning phase of a new product or service is known as:

- A. a quick response program.
- B. quality function deployment.
- C. total quality management.
- D. early supplier involvement.

Answer: B

NEW QUESTION 16

- (Topic 1)

Which of the following practices has improved management of the customer pipeline?

- A. Reverse auctions

- B. Sales force automation
- C. Finite capacity planning
- D. Point-of-purchase metrics

Answer: :B

NEW QUESTION 21

- (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 23

- (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 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 30

- (Topic 1)

The primary objective of supply chain management is:

- A. minimizing transportation costs.
- B. reducing inventory levels.
- C. taking a systems approach.
- D. implementing advanced technologies.

Answer: C

NEW QUESTION 34

- (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 37

- (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 40

- (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 45

- (Topic 1)

Companies are more likely to consider the consequences of their product design decisions when they view the reverse supply chain as an extension of the:

- A. forward supply chain.
- B. marketing process.
- C. manufacturing process.
- D. sales and operations planning process.

Answer: A

NEW QUESTION 50

- (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 51

- (Topic 1)

A return material authorization (RMA) policy is used in reverse logistics to:

- A. physically transport returned items by using an efficient transportation mode.
- B. minimize the number of returned items by involving product design and demand forecasting.
- C. reduce the cost of returned items by refusing to accept items that should not be returned.
- D. reclaim substantial value from returned items by recycling.

Answer: C

NEW QUESTION 54

- (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 61

- (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 62

- (Topic 1)

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

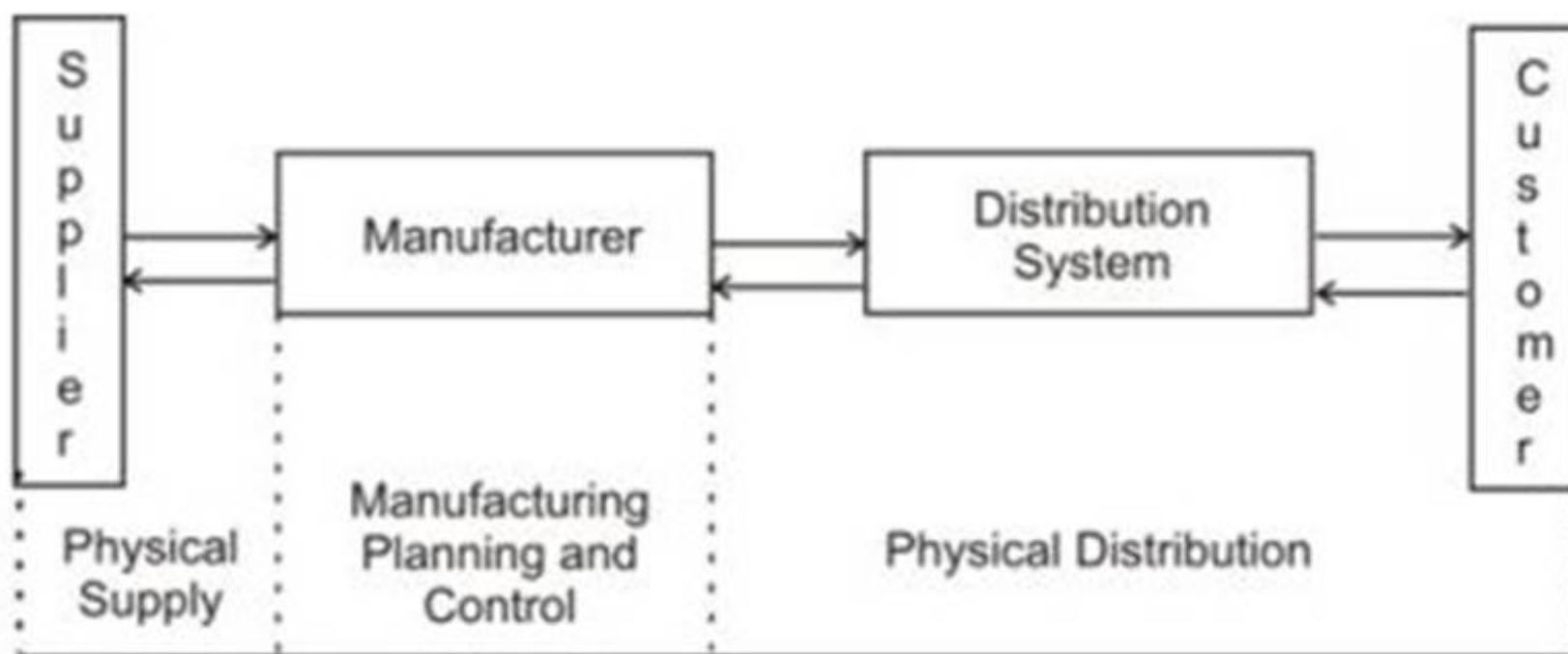
- A. Delphi technique
- B. Survey method
- C. Causal method
- D. Time series analysis

Answer: A

NEW QUESTION 66

- (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 70

- (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 74

- (Topic 1)

A firm supplies a single line of products to consumers using retail stores and on-line sales, distributors, and wholesalers. Currently the firm has common pricing and response times for sales in each sales channel. Which of the following tools is most appropriate to employ to improve profitability?

- A. Customer segmentation
- B. Customer-facing ordering systems
- C. Customer relationship management (CRM)
- D. Supply Chain Operations Reference (SCOR®)

Answer: A

NEW QUESTION 79

- (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 82

- (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 83

- (Topic 2)

When a company undertakes a win-back strategy without considering the profitability of customer accounts, it is neglecting which of the following key elements?

- A. Loyalty
- B. Scoring
- C. Segmentation
- D. Prospecting

Answer: C

NEW QUESTION 84

- (Topic 2)

A company ships from its manufacturing facilities directly to its warehouses. If the number of warehouses increases, transportation costs between manufacturing facilities and warehouses most likely will:

- A. increase.
- B. decrease.
- C. not change.
- D. become less predictable.

Answer: A

NEW QUESTION 85

- (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 90

- (Topic 2)

Which of the following actions is most likely to increase total supply chain risk?

- A. Standardizing components used in a product family
- B. Expanding operations to multiple locations
- C. Consolidating manufacturing locations
- D. Reducing the supplier base for commodity-type components

Answer: C

NEW QUESTION 93

- (Topic 2)

Which of the following actions would be most appropriate for an enterprise that has successfully integrated internal supply chain management systems and functions?

- A. Focusing on reducing setup times
- B. Implementing a firewall to limit access to supply and demand data
- C. Working with key suppliers to reduce costs and lead times

D. Working with trading partners to reduce channel redundancies

Answer: C

NEW QUESTION 98

- (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 102

- (Topic 2)

Which of the following processes would a company use to evaluate the risk profile for end- of-life planning for a product family?

- A. Distribution requirements planning
- B. Sales and operations planning
- C. Rough-cut capacity planning
- D. Production activity control

Answer: B

NEW QUESTION 107

- (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 108

- (Topic 2)

A company's supply chain depends heavily on sourcing from international suppliers. Conditions increasingly threaten supply continuity. Which of the following actions is most appropriate?

- A. Source from domestic suppliers.
- B. Conduct a risk assessment.
- C. Carry additional safety stock.
- D. Spread logistics across multiple carriers.

Answer: B

NEW QUESTION 109

- (Topic 2)

A company is formally adhering to the principles of the UN Global Compact. After a review of their supply chain, they have found that a key supplier is in violation of the compact. The best action for the company to do first is:

- A. do nothin
- B. The company is not responsible for compliance of suppliers.
- C. replace the supplier as soon as possible with a compliant supplier.
- D. notify the supplier of non-compliance.
- E. require the supplier to become compliant.

Answer: C

NEW QUESTION 111

- (Topic 2)

When doing international business, a company's total line-haul costs will vary with the:

- A. weight shipped.
- B. distance shipped.
- C. pallets shipped.
- D. volume shipped.

Answer: B

NEW QUESTION 113

- (Topic 2)

A company most likely would consider moving a portion of its manufacturing to a second location to:

- A. improve competitive advantage through cost control.
- B. avoid manufacturing downtime due to material shortages.
- C. maximize security for customer shipments.
- D. minimize the impact of natural disasters.

Answer: D

NEW QUESTION 118

- (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 120

- (Topic 2)

A firm has discovered a product quality issue. What should be the first step in responding to this issue?

- A. Determine the root cause of the quality issue.
- B. Separate the non-conforming products.
- C. Trace the location of the faulty product in the supply chain.
- D. Replace faulty products when they are returned by the end user.

Answer: C

NEW QUESTION 123

- (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 126

- (Topic 2)

Bar codes and radio frequency identification systems are key technologies in supply chain systems because they perform which of the following functions?

- A. Tracking truck locations on cross-country deliveries
- B. Facilitating timely and accurate data acquisition
- C. Providing paperless invoicing of goods
- D. Producing schedule broadcasts for suppliers

Answer: B

NEW QUESTION 130

- (Topic 2)

A company that sells engineered-to-order products is planning implementation of a supplier relationship management system (SRM) for direct materials. Which of the following factors is most likely to make the implementation difficult?

- A. Complexity of the purchasing process
- B. Cost of the application software upgrades
- C. Management of variable lead times
- D. Resistance of material suppliers

Answer: A

NEW QUESTION 135

- (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 138

- (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 141

- (Topic 2)

In an advanced planning system, which of the following modules feeds the master planning module?

- A. Purchasing planning
- B. Demand planning
- C. Distribution planning
- D. Fulfillment planning

Answer: B

NEW QUESTION 144

- (Topic 2)

An effective procurement strategy for commodity products should focus on:

- A. driving down cost and reducing risk.
- B. spreading purchases equally across suppliers.
- C. selecting primary and alternate sources.
- D. selecting suppliers with value-added products.

Answer: A

NEW QUESTION 147

- (Topic 2)

Which of the following factors typically is most important in successfully implementing sales and operations planning (S&OP)?

- A. Involvement of specialists from all functional groups within an organization
- B. Creation of a dedicated S&OP organizational unit
- C. Involvement and accountability at senior management level
- D. Focus on 3 months to 18 months in the future

Answer: C

NEW QUESTION 148

- (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 150

- (Topic 2)

Component commonality in manufacturing primarily allows a company to:

- A. optimize production runs for the components.
- B. use less-specialized machinery.
- C. decrease single-minute exchange of die processes.
- D. increase planning and control.

Answer: A

NEW QUESTION 154

- (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 157

- (Topic 2)

A company originally based in Germany sets up companies in India, China, Vietnam, Mexico, and Brazil. It sources most of the raw materials locally and employs the local workforce to manage and produce finished goods. Most of the goods produced are consumed in the same country. The company can be classified as what type of enterprise?

- A. Globally integrated
- B. Domestic
- C. Multinational
- D. Virtual

Answer: C

NEW QUESTION 159

- (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 164

- (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 166

- (Topic 2)

A manufacturer offers a trade-in allowance on a new machine when the customer returns the old machine. The manufacturer reconditions the returned machine locally and then sells it on the used market for a profit. This program is an example of a focus on:

- A. environmentally sensitive engineering.
- B. gray box design.
- C. green manufacturing.
- D. sustainability in operations.

Answer: D

NEW QUESTION 171

- (Topic 3)

Which of the following actions best exemplifies an appropriate demand management strategy?

- A. Reducing costs in the procurement of goods
- B. Prioritizing demand when supply is constrained
- C. Maximizing sales orders from customers
- D. Updating the sales and operations planning (S&OP) to changes in production capacity

Answer: B

NEW QUESTION 176

- (Topic 3)

The most significant reason for altering supply chain management practices in an organization would be a change in its:

- A. executive management.
- B. corporate strategy.
- C. profitability of operations.
- D. financial position.

Answer: B

NEW QUESTION 178

- (Topic 3)

Which of the following actions is most appropriate when implementing a strategy to create customer-affordable value?

- A. Use a more rapid transportation mode.
- B. Increase safety stock.
- C. Extend product warranty.
- D. Employ lean principles.

Answer: D

NEW QUESTION 182

- (Topic 3)

Which of the following statements best identifies the value of using a supplier rating system?

- A. It provides an objective means for a company to determine outstanding suppliers.
- B. It allows customers to post chargebacks to suppliers.
- C. It offers a company an effective way to control suppliers' delivery processes.
- D. It ensures that all suppliers are using the same quality standards to manufacture products.

Answer: A

NEW QUESTION 183

- (Topic 3)

Implementation of supplier relationship management is most successful when a company emphasizes which of the following two factors?

- A. Cost reduction and product design
- B. Quality and partnerships
- C. Technology and productivity
- D. Capital investments and global expansion

Answer: B

NEW QUESTION 187

- (Topic 3)

What benefit does Radio Frequency Identification (RFID) technology provide for a high-volume, low-cost manufacturer?

- A. Reduces store thefts
- B. Eliminates the effects of bullwhip
- C. Eliminates stock out at store level
- D. Reduces number of touch points in pallet handling

Answer: D

NEW QUESTION 190

- (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 194

- (Topic 3)

A supply chain visibility application helps an organization by:

- A. planning raw material requirements.
- B. removing outliers from independent demand forecasts.
- C. providing flexibility in customer delivery locations.
- D. providing comprehensive information from any point of contact.

Answer: D

NEW QUESTION 198

- (Topic 3)

Which of the following approaches reduces lead times from supplier to customer using point of sale data?

- A. Advanced shipping notice (ASN)
- B. Continuous quality improvement (CQI)
- C. Vendor-managed inventory (VMI)
- D. Efficient consumer response (ECR)

Answer: D

NEW QUESTION 199

- (Topic 3)

Which of the following methodologies is most appropriate to use to drive continuous improvement?

- A. Define-measure-analyze-improve-control process
- B. Kanban
- C. Poka-yoke
- D. Pareto analysis

Answer: A

NEW QUESTION 204

- (Topic 3)

The most appropriate frequency for the sales and operations planning process typically is:

- A. weekly.
- B. monthly.
- C. quarterly.
- D. annually.

Answer: B

NEW QUESTION 207

- (Topic 3)

A juice manufacturer wants to determine the time required to convert a dollar spent on materials into a dollar received in sales. Which of the following metrics would be most appropriate to make this determination?

- A. Activity-based costing
- B. Inventory carrying cost
- C. Cash-to-cash cycle time
- D. Average financial turnover

Answer: C

NEW QUESTION 212

- (Topic 3)

Use of consistent performance measures among trading partners is a best practice to:

- A. share data among information systems faster.
- B. manage collaboration and continuous improvement.
- C. reduce the time to introduce new products.
- D. increase the flexibility to collaborate with customers.

Answer: B

NEW QUESTION 217

- (Topic 3)

Supplier certification procedures verify that a supplier:

- A. is ISO certified.
- B. implements, documents, and improves procedures related to customer requirements.
- C. tracks manufacturing processes, including bills of material and routings to support the processes.
- D. manufactures products to the specifications shown on engineering documents and bills of material.

Answer: B

NEW QUESTION 221

- (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 224

- (Topic 3)

When trying to decide whether to outsource its customer relationship management function, a company primarily should consider which of the following factors?

- A. Location of the service provider
- B. Internal controls of the company
- C. Compatibility of computer hardware
- D. Transaction costs

Answer: B

Explanation:

A grocery store found that ground beef sales increased when buns were a featured sales item. This customer relationship management technique is called:

- A. data mining.
- B. data tracking.
- C. contact management.
- A. D. order entry. Answer: A

NEW QUESTION 227

- (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 232

- (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 233

- (Topic 3)

A firm decides to reduce the number of distribution centers it uses. Which of the following outcomes is the most likely result of this change?

- A. Order-fill rate will increase.
- B. Total safety stock will increase.
- C. Delivery lead time will decrease.
- D. Outbound transportation cost will decrease.

Answer: A

NEW QUESTION 238

- (Topic 3)

A company handling sale of product discarded by consumers is what type of provider?

- A. Third party logistics (3PL)
- B. Reverse logistics
- C. Fourth party logistics (4PL)
- D. Warehousing

Answer: B

NEW QUESTION 240

- (Topic 3)

A firm has identified key benefits for developing a strategic alliance and has selected appropriate supply chain partners. Which of the following actions should the firm take to build a successful alliance with a supplier who is also a competitor?

- A. Establish an internal committee to limit shared information.
- B. Negotiate contracts that maximize the firm's profits.
- C. Instruct employees to ignore the competitive aspect of the relationship.
- D. Encourage employees to cooperate with the supplier.

Answer: :D

NEW QUESTION 241

- (Topic 3)

Short order cycles to facilitate rapid replenishment will result in:

- A. minimal in-process inventory.
- B. fewer inventory moves.
- C. improved communications to customers.
- D. increased supplier collaboration.

Answer: A

NEW QUESTION 245

- (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 246

- (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 249

- (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 250

- (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 253

- (Topic 3)

Which of the following approaches most likely will help a company reduce its cost of sales while increasing customer loyalty?

- A. Business process design
- B. Business development mapping
- C. Customer relationship management
- D. Sales contact management

Answer: C

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 manufacturer of fast-moving consumer goods wants to implement a process improvement method to increase flexibility and decrease the risk of obsolete inventory. Which of the following approaches is most likely to help reach these goals?

- A. Lean manufacturing
- B. Advanced planning and scheduling
- C. Six sigma
- D. Total quality management

Answer:

A

NEW QUESTION 258

- (Topic 3)

Which of the following metrics would be most appropriate for a group of trading partners that is trying to gain competitive advantage through supply chain reliability?

- A. Cash-to-cash cycle time
- B. Supply chain response time
- C. Order-fill rate performance
- D. Value-added productivity per employee

Answer: C

NEW QUESTION 259

- (Topic 3)

Which of the following types of raw materials would be most appropriate to source via an Internet-based trading exchange?

- A. Expensive material that is critical to the finished good
- B. Expensive material for which there are several substitutes
- C. Inexpensive material that is critical to the finished good
- D. Inexpensive material for which there are many sources

Answer: :D

NEW QUESTION 262

- (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 267

- (Topic 3)

Before discontinuing a product based on activity-based cost calculations, one should primarily consider the effects upon:

- A. activity-based cost calculations of other products.
- B. value stream mapping of complementary products.
- C. research and development (R&D) costs of new products.
- D. overhead absorption rates across product lines.

Answer: A

NEW QUESTION 272

- (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 276

- (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 280

- (Topic 3)

Which of the following elements is critical to successfully using a sales and operations planning process?

- A. Focusing on performance of the past 12 to 18 months
- B. Implementing a unified cross-functional plan and process

- C. Implementing bottom-up decision making
- D. Aligning the forecast to the annual budget

Answer: B

NEW QUESTION 282

- (Topic 3)

Use of a centralized distribution center rather than a decentralized distribution network typically results in which of the following consequences?

- A. Distribution system overhead is higher.
- B. Customer delivery time is shorter.
- C. Total transportation costs are lower.
- D. Safety stock levels are lower.

Answer: D

NEW QUESTION 287

- (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 290

- (Topic 3)

The most common method for coping with demand variability in the manufacture of products with a lengthy cycle time is to have:

- A. higher raw material inventory.
- B. higher finished-goods inventory.
- C. lower finished-goods inventory.
- D. lower raw material inventory.

Answer: B

NEW QUESTION 294

- (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 299

- (Topic 3)

Which of the following activities typically is included in a warehouse management system?

- A. Invoicing
- B. Freight-bill auditing
- C. Order processing
- D. Vehicle routing

Answer: C

NEW QUESTION 300

- (Topic 3)

The practice of purchasing items in large quantities and requesting that shipments be delivered directly to customers is referred to as:

- A. drop shipping.
- B. cross-docking.
- C. breaking bulk.
- D. freight equalization.

Answer: A

NEW QUESTION 304

- (Topic 3)

A typical advantage of a production outsourcing strategy for a company focusing on agility as a competitive priority is that:

- A. monitoring costs are decreased.
- B. production lead time is increased.
- C. product quality is increased.
- D. product introduction time is decreased.

Answer: D

NEW QUESTION 307

- (Topic 3)

Which of the following supplier performance factors typically is most critical for organizations that outsource production?

- A. Speed
- B. Reliability
- C. Flexibility
- D. Malfunction recovery

Answer: B

NEW QUESTION 308

- (Topic 3)

An operations manager wants to measure variability in the delivery time of insurance policies to clients. Which of the following quality tools most appropriately would show the level of variability?

- A. Pareto chart
- B. Histogram
- C. Scatterplot
- D. Check sheet

Answer: B

NEW QUESTION 311

- (Topic 3)

A company develops annual forecasts for key products and enters into annual contracts with key suppliers based on the forecasts. Which of the following benefits would the company most likely receive from this approach?

- A. Shorter delivery lead times
- B. Lower prices
- C. Improved service
- D. Higher-quality products

Answer: B

NEW QUESTION 315

- (Topic 3)

Value stream mapping is a useful tool primarily because it:

- A. redefines supply chain relationships.
- B. is completed in 1 or 2 days.
- C. is used to improve efficiency in a specific area.
- D. looks at the entire supply chain rather than an isolated process.

Answer: D

NEW QUESTION 320

- (Topic 3)

Which of the following statements indicates an attribute of international commercial terms (Incoterms)?

- A. They are required contract terms for international trade.
- B. Each term implies the responsibilities of the buyer and seller.
- C. Discounts and surcharges are identified by the terms.
- D. The terms are reviewed annually by the International Chamber of Commerce.

Answer: B

NEW QUESTION 321

- (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 324

- (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 325

- (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 328

- (Topic 3)

Which of the following factors are fundamental to transportation performance?

- A. Full truck loads, maintenance, discounts
- B. Quality, Just-in-Time, invoicing
- C. Contract performance, order tracking, flexibility
- D. Cost, speed, delivery consistency

Answer: D

NEW QUESTION 330

- (Topic 3)

The theory of constraints (TOC) works best in an environment where the:

- A. product mix for the operation changes daily.
- B. constraint cannot be easily managed.
- C. constraint cannot be easily identified.
- D. constraint persists long enough to be managed effectively.

Answer: D

NEW QUESTION 332

- (Topic 3)

The primary reason to establish a customer-dedicated warehouse is to:

- A. integrate and consolidate an assortment of inventory.
- B. position inventory to improve response time.
- C. balance inventory with consumption.
- D. equalize inbound and outbound logistics costs.

Answer: B

NEW QUESTION 335

- (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 339

- (Topic 3)

Which of the following actions by a group of trading partners is most likely to improve the flow of funds among them?

- A. Increasing the level of information sharing and collaboration
- B. Negotiating a single set of terms for the trading partners
- C. Reducing the time allowed for the timely payment discount
- D. Implementing links among their information systems

Answer: A

NEW QUESTION 340

- (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 343

- (Topic 3)

One operation in a four-stage process has been producing more than required and is causing elevated levels of work in process. Which of the following approaches would be most appropriate to address the situation?

- A. Kano
- B. Kanban
- C. Kaizen
- D. Keiretsu

Answer: B

NEW QUESTION 348

- (Topic 3)

A project team has received 30 improvement ideas from subject matter experts in the business. Which of the following continuous improvement tools would be most appropriate to use to sequence implementation timing based on an agreed-upon weighted criteria?

- A. Affinity diagram
- B. Matrix diagram
- C. Prioritization matrix
- D. Interrelationship digraph

Answer: C

NEW QUESTION 349

- (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 353

- (Topic 3)

Which of the following outcomes is most likely a result of allocating excess capacity to a supply chain facility?

- A. Lower utilization which leads to higher cost
- B. Higher utilization which leads to higher cost
- C. Higher utilization which leads to lower cost
- D. Lower utilization which leads to lower cost

Answer: A

NEW QUESTION 355

- (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 357

- (Topic 3)

Which of the following activities is critical to successful synchronization of supply and demand throughout a supply chain?

- A. Sharing demand information
- B. Placing large orders to obtain lower prices
- C. Reducing the number of deliveries
- D. Maintaining increased inventories

Answer: A

NEW QUESTION 360

- (Topic 3)

In order to optimize delivery routing and load planning as well as to provide advanced shipment notifications (ASN's), which of the following technology platforms should be implemented to plan and manage the above operations?

- A. Electronic Data Interchange (EDI)
- B. Enterprise Resource Planning (ERP)
- C. Event Management System (EMS)
- D. Transportation Management System (TMS)

Answer: D

NEW QUESTION 365

- (Topic 3)

A service company has decided to create a customer-focused business and has identified the following steps in the process:
{exhibit 3860}

Which of the following sequences of steps is correct for implementing the company's decision?

- A. 2, 1, 4, 3, 5
- B. 4, 2, 1, 5, 3
- C. 3, 5, 2, 4, 1
- D. 4, 2, 5, 1, 3

Answer: B

NEW QUESTION 369

- (Topic 3)

Which of the following supply chain attributes is most appropriate for products with wide variety and highly variable demand?

- A. Efficient
- B. Responsive
- C. Short
- D. Virtual

Answer: B

NEW QUESTION 374

- (Topic 3)

Use of a private warehouse is most appropriate when a firm needs to:

- A. adjust warehouse capacity easily for seasonal products.
- B. perform a limited number of specialized activities for customers.
- C. control operating policies and hours to respond to changes in market demand.
- D. take advantage of economies of scale and scope to increase profitability.

Answer: C

NEW QUESTION 377

- (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)

Which of the following actions is key to identifying potential problems in lean supply chain development?

- A. Implement vendor managed inventory
- B. Install a supply chain solution
- C. Reduce customer order size
- D. Reduce inventory levels

Answer: D

NEW QUESTION 380

- (Topic 3)

The ABC classification system answers which two of the following inventory-related questions?

- A. How much inventory should be ordered at one time, and when will the order be placed?
- B. What is the importance of the inventory item, and how will the inventory items be controlled?
- C. How much inventory should be ordered at one time, and what is the importance of the inventory item?
- D. When will the order be placed, and how will the inventory items be controlled?

Answer: B

NEW QUESTION 382

- (Topic 3)

Which of the following processes is included in reverse logistics?

- A. Designing a new product out of recycled material
- B. Restoring a worn-out product to like-new condition
- C. Reducing the amount of packaging material in a product
- D. Eliminating toxic materials in a product

Answer: :B

NEW QUESTION 385

- (Topic 3)

A firm expands distribution of its products into additional countries. Some customers initiate order batching, which could lead to which of the following outcomes?

- A. Bullwhip effect
- B. Price fluctuations
- C. Rationing
- D. Better forecasting

Answer: A

NEW QUESTION 388

- (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 391

- (Topic 3)

Which of the following continuous improvement methodologies focuses on reduction of defects by reducing process variation?

- A. Just-in-Time (JIT)
- B. Kaizen
- C. Six Sigma
- D. Theory of constraints

Answer: C

NEW QUESTION 395

- (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 400

- (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 401

- (Topic 3)

A company that locates manufacturing facilities in different countries so that an economic downturn in one country most likely will be offset by business in another country is employing what type of strategy?

- A. Speculative
- B. Hedge
- C. Flexible
- D. Forecast

Answer: B

NEW QUESTION 403

- (Topic 3)

The profit margin for a product that is currently made in the company's facility has decreased during the past 2 years. Which of the following factors should be considered when deciding whether to make or buy the product?

- A. Production capabilities
- B. Transportation capabilities
- C. Distribution channels
- D. Landed cost

Answer: D

NEW QUESTION 406

- (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 409

- (Topic 3)

Which of the following fill rates is the most rigorous measure of a firm's availability performance?

- A. Line
- B. Item
- C. Order
- D. Value

Answer: C

NEW QUESTION 412

- (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 415

- (Topic 3)

A company uses multiple ingredients to make a product that is sold in multiple countries. Each country requires country-specific labels. A third-party supplier provides the country- specific labels. The most appropriate push-pull interface is:

- A. raw materials to product.
- B. product to labels.
- C. finished product with labels.
- D. customer to finished product.

Answer: B

NEW QUESTION 416

- (Topic 3)

Incorporating information technology into its supply chain allows a company to efficiently:

- A. collect, store, encode, process, analyze, transmit, receive, and print data.
- B. manage order entry, scheduling, warehousing, and order tracking.
- C. incorporate elements of Six Sigma into supplier relationships.
- D. upgrade enterprise resources planning revisions in a timely and secure manner.

Answer: A

NEW QUESTION 417

- (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 419

- (Topic 3)

A company most likely would implement a supplier certification program to:

- A. improve the supplier's procurement process.
- B. abide by ISO standards.
- C. validate the supplier's compliance with requirements.
- D. implement point-of-sale (POS) terminals.

Answer: :C

NEW QUESTION 423

- (Topic 3)

Turning the request-for-quotes process into a real-time auction setting most likely will:

- A. improve product quality.
- B. increase process costs.
- C. reduce cycle time.
- D. reduce bid cost.

Answer: C

NEW QUESTION 428

- (Topic 3)

In the analysis of costs, fixed costs are those that are:

- A. independent of the volume of output.
- B. dependent on the utilization of the asset.
- C. inversely proportionate to the volume of output.
- D. constant through the useful life of the asset.

Answer: A

NEW QUESTION 429

- (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 433

- (Topic 3)

Which of the following actions typically is most important when building a collaborative supply chain?

- A. Investing sufficient capital
- B. Building mutual trust
- C. Integrating information systems
- D. Developing a common culture

Answer: B

NEW QUESTION 438

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