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APICS

CLTD

Certification in Logistics, Transportation and Distribution

Question: 869

What is the primary challenge of implementing a CRM system in logistics?

A. High operational costs
B. Complexity of integration with existing systems
C. Lack of customer demand
D. Overemphasis on technology

Answer: B

Explanation: Integrating a new CRM system with existing logistics and supply chain systems can be complex and resource-intensive, posing a significant challenge.

Question: 870

In facility planning, _____ analysis involves assessing potential risks and vulnerabilities in the supply chain.

Answer: risk

Explanation: Risk analysis identifies weaknesses in the supply chain that could lead to disruptions, allowing for proactive planning.

Question: 871

Which approach is most effective for reducing inventory holding costs?

A. Increasing safety stock
B. Implementing just-in-time (JIT) inventory

C. Expanding warehouse space
D. Offering discounts to customers

Answer: B

Explanation: JIT inventory management reduces holding costs by keeping inventory levels low and only ordering what is needed when it is needed.

Question: 872
What is "distribution planning"?

A. Planning the delivery of goods to customers
B. Managing supplier relationships
C. Focusing on production schedules
D. Overseeing marketing strategies

Answer: A

Explanation: Distribution planning involves planning the delivery of goods to customers, ensuring that products are available where and when needed.

Question: 873

In transportation planning, what does the term "lead time" refer to?

A. The time taken to transport goods
B. The time from order placement to delivery
C. The time required for customs clearance
D. The time needed for route optimization

Answer: B

Explanation: Lead time refers to the total time from when an order is placed until the goods are delivered, encompassing all processes involved.

Question: 874
Which of the following metrics is crucial for assessing the sustainability of reverse logistics operations?

A. Return rate
B. Carbon footprint
C. Inventory turnover
D. Customer feedback scores

Answer: B, C

Explanation: The carbon footprint measures the environmental impact of logistics operations, and inventory turnover can indicate how efficiently resources are being utilized, both critical for sustainability assessments.

Question: 875
In terms of logistics, what does "last mile delivery" refer to?

A. The final leg of the supply chain from a distribution center to the customer
B. The initial transport of goods to a distribution center
C. The return of products from customers to suppliers
D. The entire journey of goods from supplier to customer

Answer: A

Explanation: Last mile delivery focuses on the movement of goods from the last distribution point to the end customer, often seen as a critical aspect of customer satisfaction.

Question: 876

Which inventory management technique focuses on the continuous review of inventory levels?

A. Periodic review system
B. ABC analysis
C. Just-in-Time (JIT)
D. Continuous review system

Answer: D

Explanation: A continuous review system monitors inventory levels at all times, allowing for immediate reordering when stock falls below a certain threshold.

Question: 877

What aspect of customer relationship management is most affected by poor order fulfillment?

A. Customer acquisition strategies
B. Brand loyalty
C. Marketing effectiveness

D. Supply chain efficiency

Answer: B

Explanation: Poor order fulfillment can significantly damage brand loyalty, as customers may choose competitors if their expectations are not met.

Question: 878
Which of the following technologies can enhance supply chain analytics?

A. Big Data
B. Internet of Things (IoT)
C. Blockchain
D. Manual tracking

Answer: A, B, C

Explanation: Big Data, IoT, and Blockchain can significantly enhance supply chain analytics by providing more data, improved tracking, and better transparency, while manual tracking is less effective.

Question: 879

What is the primary purpose of a Transportation Management System (TMS)?

A. To manage customer relationships
B. To optimize logistics costs and improve efficiency
C. To track inventory levels

D. To forecast demand

Answer: B

Explanation: A TMS primarily aims to optimize logistics costs and improve transportation efficiency by planning, executing, and analyzing the movement of goods.

Question: 880

Which of the following factors is least likely to impact the accuracy of forecasts used in master scheduling?

A. Historical sales data
B. Economic trends
C. Internal employee turnover
D. Competitor pricing strategies

Answer: C

Explanation: While employee turnover can affect operations, it has less direct influence on the accuracy of demand forecasts compared to external factors.

Question: 881

What is the main advantage of using a dedicated fleet for transportation?

A. Increased operational costs
B. Enhanced control and reliability
C. Limited flexibility

D. Higher utilization rates

Answer: B

Explanation: A dedicated fleet provides enhanced control and reliability, allowing companies to manage their logistics more effectively and meet specific service requirements.

Question: 882
Which of the following is a common technique for smoothing demand fluctuations?

A. Price discounts
B. Demand forecasting
C. Promotional strategies
D. Production leveling

Answer: C, D

Explanation: Promotional strategies and production leveling are techniques used to smooth out demand fluctuations, reducing variability.

Question: 883

A facility's _____ represents the maximum output it can achieve under normal conditions.

Answer: capacity

Explanation: Capacity refers to the maximum amount of product that a facility can produce or handle efficiently over a given time period.

Question: 884
Which of the following is a key principle of lean warehousing?

A. Maximizing inventory levels
B. Reducing waste and enhancing flow
C. Increasing the number of storage locations
D. Standardizing all warehouse processes

Answer: B

Explanation: Lean warehousing focuses on minimizing waste and optimizing processes to improve efficiency and value.

Question: 885
Which of the following is a key component of effective customer relationship management?

A. Ignoring customer feedback
B. Personalization of customer interactions
C. Increasing product prices regularly
D. Reducing customer service channels

Answer: B

Explanation: Personalization enhances the customer experience by catering to individual preferences and needs, crucial for building strong relationships.

Question: 886

Which of the following metrics is essential for evaluating transportation efficiency?

A. Order fill rate
B. Transportation cost per unit
C. Employee productivity
D. Inventory turnover

Answer: B

Explanation: Transportation cost per unit is a critical metric for evaluating transportation efficiency, as it directly reflects the effectiveness of logistics operations.

Question: 887

In the context of transportation management systems (TMS), what is the primary function of route optimization?

A. Minimizing transit time
B. Reducing fuel consumption
C. Enhancing customer satisfaction
D. All of the above

Answer: D

Explanation: Route optimization aims to minimize transit time, reduce fuel

consumption, and enhance customer satisfaction by ensuring timely deliveries.

Question: 888

The financial term _____ refers to a system where a buyer pays for goods once they have been received and inspected.

Answer: open account

Explanation: An open account allows buyers to receive goods and pay later, reducing upfront costs and increasing liquidity.

Question: 889

Which of the following is NOT a benefit of using technology in transportation management?

A. Improved data accuracy
B. Increased manual processes
C. Enhanced visibility
D. Better decision-making

Answer: B

Explanation: Technology in transportation management reduces manual processes, leading to improved efficiency and accuracy in operations.

Question: 890

Which statistical method is used to assess the relationship between demand and one or more independent variables?

A. Time Series Analysis
B. Regression Analysis
C. Correlation Coefficient
D. Monte Carlo Simulation

Answer: B, C

Explanation: Regression Analysis assesses relationships between variables, while the Correlation Coefficient quantifies the strength of the relationship.

Question: 891

Which of the following is a disadvantage of a decentralized distribution network?

A. Increased transportation costs
B. Longer lead times
C. Improved customer service
D. Higher inventory levels

Answer: A

Explanation: Decentralized networks can lead to increased transportation costs due to the need for multiple distribution points.

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