

Certification in Logistics, Transportation and Distribution

1. Which of the following shipment modes is the most prone to packaging and product damage?

A. Air

B. Truck

C. Water

D. Rail

Answer(s): C

2. When importing goods such as fruit and produce into the United States (U.S.), which government agency is responsible for protecting agriculture from harmful pests and diseases?

A. Food Safety and Inspection Service (FSIS)

B. Food and Drug Administration (FDA)

C. U.S. Customs and Border Protection (CBP)

D. Farm Service Agency (FSA)

Answer(s): C

3. Under what circumstances should management generally consider utilizing qualitative forecasting techniques?

A. When real-time data flow is available

B. When historic data is both clear and relatively stable

C. When developing strategic-level forecasts

D. When demand is dependent on bill of material (BOM) calculations

Answer(s): B

4. A carrier's casts are driven by equipment movement rather than shipment weight. Which of the following rates would be most appropriate for the carrier to utilize in charging its customers?

A. Incentive rates

B. Any-quantity rates

C. Freight all kind (FAK) rates

D. Per-car and per-truckload rates

Answer(s): C

5. A customer is looking to purchase product from a company. Which of the following outputs of outbound order management would the customer consider primary?

A. Order cycle time

B. Logistics operations responsiveness

C. Postsale logistics support

D. Product availability

Answer(s): B

6. From a health and safety perspective, which of the following sets of parameters must be taken into account when considering manual material handling?

A. Task, working environment, equipment, and individual capacity

B. Task, load, layout, and equipment

C. Layout, load, working environment, and individual capacity

D. Task, load, working environment, and individual capacity

Answer(s): D

7. Which of the following categories is a weakness of the rail systems?

A. Safety records

B. Inflexible infrastructures

C. Effects of the weather

D. Routes from city centers

Answer(s): D

8. Which of the following statements represents the primary function of inventory?

A. Make products available while minimizing total carrying cost

B. Realize economies of scale while minimizing total carrying cost

C. Reduce ordering cost while minimizing total carrying cost

D. Buffer against delivery time while minimizing total carrying cost

Answer(s): D

9. Which of the following factors would be considered of strategic importance to a firm's logistics function?

A. A firm operates in a competitive oligopoly

B. Total cost of production

C. Production lead time

D. Order cycle time

Answer(s): A

10. Which of the following lean tools would a warehouse team use to document, analyze, and improve the flow of information and materials to customers?

A. Lean six sigma

B. Kaizen

C. Value stream mapping

D. Five S methodology

Answer(s): C

11. Climate-controlled warehouses are typically used:

A. to assure operators can work in the best conditions.

B. for storage of food items such as pasta and sugar.

C. for storage of raw material used in aerospace industry.

D. for storage of certain agricultural and medical products.

Answer(s): B

12. An operations manager is concerned that the order-to-cash cycle for their largest customer is too long. The manager is referring to the time that elapses from when the company receives an order from the customer until the:

A. customer processes payment.

B. warehouse is notified to ship the goods.

C. customer receives that order in inventory.

D. company receives payment.

Answer(s): C

13. Consignment inventory requires that manufacturers:

A. deliver their products to the consumer and payment from consumers is based on supply.

B. stock their products on retail stores shelves and payment from consumers is based on forecast.

C. deliver their products to the consumer and wait for payment until consumers require to refill stock level.

D. stock their products on retail stores shelves and wait for payment until consumers purchase the product.

Answer(s): D

14. A pharmaceutical company makes drugs that control the spread of the influenza virus after outbreaks occur. Deployment to outbreak areas requires a transportation mode that is fast and provides door-to-door connectivity.

Which of the following modes of transportation should the company choose?

A. Intermodal

B. Truck

C. Drone

D. Air

Answer(s): B

15. Which of the following inventory ordering techniques would a company's corporate warehouse utilize if it is interested in meeting both the quantity and timing requirements of demand from its regional warehouses?

A. Distribution requirements planning (DRP)

B. Fixed order quantity/variable cycle

C. Periodic review

D. Kanban

Answer(s): D

16. A company setting up a warehouse wants to maintain a first in, first out (FIFO) stock rotation. Which of the following storage systems should they utilize?

A. Pallet racking

B. Block stacking

C. Flow racking

D. Push-back racking

Answer(s): A

17. A firm offers their customers shorter order cycle times and increased product variety. Generally, this action would have which of the following impacts on total logistics costs?

- A. Increases total logistics costs
- B. Reduces total logistics costs
- C. Has no impact on total logistics costs
- D. Only affects service levels, not costs

Answer(s): C

18. A third-party logistics (3PL) provider is seeking to market its value-added warehousing services to international shippers. These services refer to activities such as:

- A. selecting the best location in the warehouse for storage and retrieval.
- B. total warehousing cost minimization on equipment, maintenance, and labor.
- C. customization services like packaging, labeling, kitting, and setting up displays.
- D. improving overall quality measured by ad-hoc metrics according to international standards.

Answer(s): B

19. When determining the optimal logistics terminal location, one of the primary goals is to minimize:

- A. peddle time
- B. stem miles
- C. the number of pick-up locations
- D. the size of customer shipments

Answer(s): C

20. In addition to declaring the origin of goods, a certificate of origin is used to determine the:

A. export declaration

B. cost of transportation

C. standard cost

D. applied tariff

Answer(s): A
