Supply Chain Management A Logistics Perspective 8th Edition Coyle Test Bank

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Chapter 2—Role of Logistics in Supply Chains

TRUE	FΑ	LSE
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1.	The utility created th	rough tl	he basic market	ing act	ivities is known as place utility.
	ANS: F	PTS:	1	REF:	Page 37
2.	Transportation is the	physica	al movement or	flow o	f goods.
	ANS: T	PTS:	1	REF:	Page 40
3.	During the 1990s and	1 2000s	, logistics costs	as a pe	ercentage of gross national product declined.
	ANS: T	PTS:	1	REF:	Page 44
4.	Logistics systems has systems.	ving a v	ery heavy inbo	und flo	w and a very simple outbound flow are reverse
	ANS: F	PTS:	1	REF:	Page 63
5.					es, where they are stored until ordered by a retailer. kets served. This is the logistics channel approach to
	ANS: T	PTS:	1	REF:	Page 66-67
6.	In a logistics system, such as transportation		-	e optin	nized at the expense of related logistics activities,
	ANS: F	PTS:	1	REF:	Page 69
7.	The mathematical ca short-run/static analy		n of the point o	f equal	ity between systems under analysis is used for
	ANS: F	PTS:	1	REF:	Page 59
8.	To hold down distrib	ution co	ost, the lowest	cost car	rier should always be used.
	ANS: F	PTS:	1	REF:	Page 64
9.	The inverse relations effect.	hip that	exists between	the co	st of lost sales and inventory costs is the inventory
	ANS: T	PTS:	1	REF:	Page 54
U L T	TIPLE CHOICE				

MU

- 10. Ensuring the availability of the right product, in the right quantity, and the right condition, at the right place, at the right time, for the right customer at the right cost, is which definition of logistics?
 - Seven Rs a.
 - b. Council of Logistics Management

	c. d.		-	ogistic Eng logistics	ginee	rs		
	AN	IS:	A	PTS:	1		REF:	: Page 35 inside Table 2-1
11.	ped or s req a. b.	ople, servi uests defi gen defi	technoloce-production a time in a ti	gies, and incing netwoely manner om an invenition.	nforn ork to :. Thi ntory e Soo	nation neces fulfill cus is is a perspective ciety of Lo	essary to tomer re ve. gistics F	needs and wants; acquiring the capital, materials, to meet those needs and wants; optimizing the goods requests; and utilizing the network to fulfill customer. Engineers. tics Management.
	AN	IS:	В	PTS:	1		REF:	: Page 36
12.	bel a. b. c.	ong tran mai sch	r subdivis in the list nsportatio rketing eduling ecasting	:	gistic	s have som	e comm	mon characteristics. Which of the below does not
	AN	IS:	В	PTS:	1		REF:	: Page 36
13.	a.	form place time	ue that is m utility ce utility e utility session u		g00	d through a	a manufa	facturing, production, or assembly process is:
	AN	IS:	A	PTS:	1		REF:	: Page 36
14.	pro exa a. b. c.	oduct umple whe whe whe	tion or asse of the cen lumber a firm' en bulk computer	sembly pro reation of f r is cut and s finance n omputer di users	cess. form mad nanaş sks ir	However, utility by a le into a ch ger approv n different	logistica a logistica air es custos colors a	added to the product through a manufacturing, ics activity can provide form utility also. Which is an ics activity? omer purchases on a credit basis are packed in three-color assortments for sale oution center
	AN	IS:	D	PTS:	1		REF:	: Page 37
15.	refe a. b. c.	erred fori plac time	I to as: m ce	s created by	y mo	ving goods	s from su	surplus points to points where demand exists is
	AN	IS:	В	PTS:	1		REF:	: Page 40-41
16.	a.	fori	is created m utility ce utility	when a pr	oduc	t or service	e is at a	a point when demanded by customers?

	c. time utility d. possession utility						
	ANS: B PTS: 1 REF: Page 37						
17.	Time utility depends on a. when the carrier picks up the shipment. b. transportation companies delivering on time. c. proper forecasting. d. having the product available when the user wants it.						
	ANS: D PTS: 1 REF: Page 37						
18.	What is often the largest component of logistics costs? a. inventory costs b. transportation costs c. shipper-related costs d. administrative costs						
	ANS: B PTS: 1 REF: Page 40						
19.	Materials handling is concerned with a. inventory levels. b. breaking bulk. c. scheduling trade-offs. d. short distance movement.						
	ANS: D PTS: 1 REF: Page 43-44						
20.	Marketers have begun to recognize the strategic value of place in the marketing mix, as well as the benefits resulting from high-quality logistical services. As a result, which has been recognized as the interface activity between marketing and logistics? a. product b. promotion c. price d. customer service						
	ANS: D PTS: 1 REF: Page 48						
21.	Celebrated Products is introducing a new line of celebrity signature sunglasses. The sales manager wants a media blitz to make customers aware of the line and create early sales typical of a "pull" pattern. Which will be a likely result of the marketing manager's plan? a. a stable demand pattern b. emergency shipments c. an erratic demand pattern d. strain on the logistics system						
	ANS: C PTS: 1 REF: Page 51						
22.	What activity is described as the movement of goods into a warehouse, the placement of goods in a warehouse, and the movement of goods from storage to order picking areas and eventually to dock areas for transportation out of the warehouse? a. materials handling b. physical distribution c. business logistics d. order fulfillment						

	ANS: A	PTS:	1	REF:	Page 49-50
23.	A(n) relationsh a. reverse b. proportional c. inverse d. non linear	ip exist	s between the c	ost of 1	ost sales and inventory cost.
	ANS: C	PTS:	1	REF:	Page 54
24.	for customers on the from over 1,000 veno parts constantly arriv	East co dors. A e and a	ast of the Unite number of boat re stored. Once	ed State ts are in a boat	and makes small yachts and luxury pontoon boats s. Each boat requires thousands of parts purchased a production at any one time, so a large number of is finished, it is sailed up the coast to a convenient system does Water Cruisers use?
	ANS: B	PTS:	1	REF:	Page 53
25.	A number of product these factors? a. value b. density c. stock keeping un d. risk of damage		l factors affect	the cost	and importance of logistics. Which is not one of
	ANS: C	PTS:	1	REF:	Page 55
26.	When a specific point logistics cost centers a. least cost analysis b. short run analysis c. cost center analy d. link node analysis	, it is ca s. s. sis.		roductio	on, is chosen and costs are developed for the various
	ANS: B	PTS:	1	REF:	Page 55
27.	A analysis exar a. cost center analy b. dynamic c. link node analysi d. least cost analysi	sis .s	logistics syster	n over a	a long time period or range of output.
	ANS: B	PTS:	1	REF:	Page 61
28.	A balanced system is a. one where all for b. logistics expense c. another name for d. inbound and outb	r mana s are ec supply	ual to cost of g chain manager	goods so ment	-
	ANS: D	PTS:	1	REF:	Page 63

- 29. What are established spatial points where goods stop for storage or processing?
 - a. nodes
 - b. links
 - c. cost centers
 - d. fulfillment centers

ANS: A PTS: 1 REF: Page 55

ESSAY

30. What is the primary challenge of logistics?

ANS:

The challenge is to manage the entire logistics system in such a way that order fulfillment meets and perhaps exceeds customer expectations. At the same time, the competitive marketplace demands efficiency--controlling transportation, inventory, and other logistics-related costs. Cost and service tradeoffs have to be considered when evaluating customer service levels and the associated total cost of logistics; but both goals--efficiency and effectiveness--are important to an organization in today's competitive environment.

PTS: 1 REF: Page 33

31. What is the definition of logistics which the authors choose and what group had formulated it?

ANS:

The definition offered by the Council of Supply Chain Management Professionals is: "The art and science of management, engineering, and technical activities concerned with requirements, design, and supplying and maintaining resources to support objectives, plans, and operations."

PTS: 1 REF: Page 35

32. The text mentions four subdivisions of logistics. Pick one, define and discuss.

ANS:

- Business logistics: That part of the supply chain process that plans, implements, and controls the efficient, effective flow and storage of goods, service, and related information from point of use or consumption in order to meet customer requirements.
- Military logistics: The design and integration of all aspects of support for the operational capability of the military forces (deployed or in garrison) and their equipment to ensure readiness, reliability, and efficiency.
- Event logistics: The network of activities, facilities, and personnel required to organize, schedule, and deploy the resources for an event to take place and to efficiently withdraw after the event.
- Service logistics: The acquisition, scheduling, and management of the facilities/assets, personnel, and materials to support and sustain a service operation or business.

PTS: 1 REF: Page 36

33. There are five principal types of economic utility that add value to a product or service. Name four of the five and pick one to discuss in more detail.

ANS:

The five principal types of economic utility that add value to a product or service. Included are form, time, place, quantity, and possession. Generally, production activities are credited with providing form utility; logistics activities with time, place, and quantity utilities; and marketing activities with possession utility.

PTS: 1 REF: Page 36

34. The logistics definitions discussed indicate 14 activities for which the logistics manager might be responsible. Name at least eight and briefly discuss any two in detail.

ANS:

- Transportation
- Warehousing and storage
- Industrial packaging
- Materials handling
- Inventory control
- Order fulfillment
- Demand forecasting
- Production planning/scheduling
- Procurement
- Customer service
- Facility location
- Return goods handling
- Parts and service support
- Salvage and scrap disposal

PTS: 1 REF: Page 39

35. Another dimension of logistics is the micro perspective which examines the relationships between logistics and other functional areas in an organization. What are these other functions? Select one and discuss how it interacts with logistics.

ANS:

Another dimension of logistics is the micro-perspective, which examines the relationships between logistics and other functional areas in an organization--marketing, manufacturing/operations, finance and accounting, and others. Logistics, by its nature, focuses on processes that cut across traditional functional boundaries, particularly in today's environment with its emphasis on the supply chain. Consequently, logistics interfaces in many important ways with other functional areas.

PTS: 1 REF: Page 47

36. What are the 4 "PHs"? Select one, and discuss how it affects logistics.

ANS:

Logistics is sometimes referred to as the other half of marketing. The rationale for this definition is that the physical distribution or outbound side of an organization's logistics system is responsible for the physical movement and storage of products for customers and thus plays an important role in selling a product. In some instances, physical distribution and order fulfillment might be the key variables in selling a product; that is, the ability to provide the product at the right time to the right place in the right quantities might be the critical element in making a sale.

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This section briefly discusses the interfaces between logistics and marketing activities in each principal area of the marketing mix. The material is organized according to the four Ps of marketing--price, product, promotion, and place. In addition, recent trends in the interface between logistics and marketing will be discussed.

PTS: 1 REF: Page 48-50

37. What is ROA? Discuss how it can impact logistics.

ANS:

While manufacturing and marketing are probably the two most important internal, functional interfaces for logistics in a product-oriented organization, there are other important interfaces. The finance area has become increasingly important during the last decade. The impact that logistics can have upon return on assets (ROA) or return on investment (ROI) is very significant. ROA is defined as follows:

ROA = Revenue - Expenses/Assets

Or

ROA = Gross Profit/Assets

Logistics can positively impact ROA in several ways. First, inventory is both an asset on the balance sheet and an expense on the income statement. Reducing inventory levels reduces the asset base as well as the corresponding variable expenses, thus having a positive impact on ROA. Second, transportation and warehousing costs can also influence ROA. If an organization owns its warehouses and transportation fleet, assets will be increased. If these assets are reduced or eliminated, ROA will increase. Similarly, if an organization utilizes third parties for warehousing and transportation, variable expenses will be incurred. Reducing these expenses will also have a positive impact on ROA. Finally, the focus on customer service can increase revenue. As long as the incremental increase in revenue is larger than the incremental increase in the cost of customer service, ROA will increase.

PTS: 1 REF: Page 52

38. There are a number of product-related factors that can affect the cost and importance of logistics. Identify the factors, and pick one to discuss further.

ANS:

A number of product-related factors affect the cost and importance of logistics. Among the more significant of these are dollar value, density, susceptibility to damage, and the need for special handling.

PTS: 1 REF: Page 55-58

39. Spatial relationship is extremely significant to logistics. Discuss why this is true.

ANS:

A final topic that is extremely significant to logistics is spatial relationships, the location of fixed points in the logistics system with respect to demand and supply points. Spatial relationships are very important to transportation costs, since these costs tend to increase with distance.

PTS: 1 REF: Page 58-59