## Paper / Subject Code: 46001 / Logistics & Supply Chain Management

× 1	(Maximum Marks: 75)
N.B. 1. Answer all the questions.	
2. The Marks are assigned on t	he R.H.S.
3. Draw Illustrations, diagram	s and Schedules wherever necessary.
4. Use of simple calculator is	
•	
Q.1 A) Choose Correct Alternative. (A	ttempt Any 8 questions) (8)
	d physical distribution are the three major operations of
logistics.	h Matariala Managamant
a. Supply Chain Management	D. Materials Management
c. Logistics Management	d. All of these
2. Which of the following is not an area	of responsibility for a logistics manager?
a. Inventory b.	marketing
c. Warehousing d.	purchasing
3. Which of the following is not a part of a. Funds Flow b. Man	그렇게 되는 것 같이 되는 것이 어떻게 되었습니다. 그런 이렇게 하셨다면 되었다. 그 없는 이번 그를 보는 것이 되었다. 그 그는 그를 보고 있다.
4 is concerned	with a firm's ability to satisfy customer's requirement in
timely manner.	
	Rapid Response c. Price stabilization d. Quality
5. Following is not type of Piggy – Ba	
a. LASH b. TTFC	
6. Special purpose material handling equ	aipments are used in .
	b. process layout
c. both 'a' and 'b'	d. None of the above
7. RO-RO concept means:	
	de Off c. Roll Off-Roll On d. Roll On - Roll Off
	ain practices that strive to reduce energy and environmental
footprints in terms of freight distribution	
a. Inbound Logistics b. Green Log	istics c. Outbound Logistics d. SCM
9. Which of the following is not a compo	onent of 4PL?
a. Control Room (Intelligence)	
b. Resource Providers	
c Information	
d. Recycling	
	ing the distribution process in terms of physical and
information efficiency.	
a. Technical Integration b. channel Int	egration c. channel hierarchy d. vertical marketing System
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Column X		Colur	nn Y			1000	
1) Piggyback		a) Do	wnstrea	m logis	stics	9,30,90	
2) Measurement of Logistical Custon	ner	-		The state of the s	-	ity of th	e part t
Service with reference to Operational		operat	tions				Section 1
Performance			X		, ii		
3) Measurement of Logistical Custom	ner	c) Sele	ective c	riteria :	Season	ality	12 6
Service with reference to Availability						A Comment	
1) Inbound Logistics		d) Truck					
) Fixed Path Variable Destination M	aterial	e) Pro	ductivit	y			
Handling Equipment		167.125					
S) SOS		f) use	of Road	l and R	ail mod	de of tra	nsport
) Internal Performance Measure	45	g) Suj	pply Ch	ain Inte	egrator		N. E.
3) VED		h) Log	gistics P	ark		19 3 3 7	20 1
9) 4 PL	A 1887		ed, Con		y, Flex	ibility	
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ransportation connectivity						355	
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OR

C) Explain Guidelines or Principles of Material handling

D) Explain what Logistical competency is and how it can be achieved?

(8) (7)

(15)



Q.5) A) Read the Case and answer the following:

Starbucks is pretty much a household name. But like many of the most successful worldwide brands, the coffee shop giant has been through its periods of supply chain pain. In fact, during 2007 and 2008, Starbucks leadership began to have serious doubts about the company's ability to supply its 16,700 outlets. As in most commercial sectors at that time, sales were falling. At the same time though, supply chain costs rose by more than \$75 million.

Supply Chain Cost Reduction Challenges: When the supply chain executive team began investigating the rising costs and supply chain performance issues, they found that service was indeed falling short of expectations. Findings included the following problems

- Fewer than 50% of outlet deliveries were arriving on time
- A number of poor outsourcing decisions had led to excessive 3PL expenses
- The supply chain had, (like those of many global organisations) evolved, rather than grown by design, and had hence become unnecessarily complex

The Path to Cost Reduction: Starbucks' leadership had three main objectives in mind to achieve improved performance and supply chain cost reduction. These were to:

- Reorganize the supply chain
- Reduce cost to serve
- Lay the groundwork for future capability in the supply chain

In order to meet these objectives, Starbucks divided all its supply chain functions into three key groups, known as "plan" "make" and "deliver". It also opened a new production facility, bringing the total number of U.S. plants to four.

Next, the company set about terminating partnerships with all but its most ineffective 3PLs. The remaining partners were then managed via a weekly scorecard system, which was aligned with renewed service level agreements.

Supply Chain Cost Management Results: By the time Starbucks' supply chain transformation program was completed, the company had made savings of more than \$500 million over the course of 2009 and 2010, of which a large proportion came out of the supply chain, according to Peter Gibbons, then Executive Vice President of Global Supply Chain Operations.

1) State the facts & analyse the case. (8)

OR

2) Explain how Effective Supply chain management helped starbucks to improve their performance?

- B) Write short notes on: (Any 3)

  1. Customer Service Strategy
  - 2. Contract Warehousing
  - 3. Perfect Order Principle
  - 4. Cold Chain Logistics
  - 5. Activity Based Costing.

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