



INDIAN INSTITUTE OF MATERIALS MANAGEMENT
Post Graduate Diploma in Logistics Management
Paper – 2
Logistics Fundamentals And Processes.

June 2011

DATE: 12.06.2011

Max. Marks: 100

TIME: 10.00 a.m. to 1.00 p.m.

Duration: 03 Hrs.

Instructions:

1. From part "A", Each sub-question carries 01 marks
2. From "B", answer any 3 out of 5 questions each question carries 16 Marks
3. Part "C" is a compulsory question – 20 Marks.
4. Please read the instruction on the answer sheet.

PART – A

Total: 32 Marks

Q1. State true or false

1. The strategies of carriers and shippers are inextricably interrelated.
2. An effective cost-reduction program by purchasing didn't require top management support.
3. Co-ordinate product storage and pick- and pack operations are export distributor duty.
4. Accurate cost rate are required to achieve least-cost logistics.
5. Private carriage should not be viewed strictly as transportation decision- it also is a financial decision.
6. Inventory levels increases with the number of stock keeping location.
7. Transportation didn't impacts customer service levels and costs.
8. Logistics create a complete advantage.

Q2. Fill in the blanks

1. An effective Logistics network requires a cooperative relationship between _____ and _____.
2. Types of Warehouse _____ & _____
3. Good package design is influenced by _____ & _____.
4. Channel structure is influenced by the target _____ and the _____
5. Two critical functions of customhouse broker _____ and _____.
6. Types of logistics co-ordination _____ & _____
7. Channels develop, when many exchanges take place between _____ and _____
8. Inventory carrying costs are those costs associated with the _____ of inventory _____

Q3. Expand following

- (1) ROI (2) EDI (3) MRP-I (4) COFC (5) FAK (6) DRP (7) SKU (8) NVOCC.

Q4. Link & connect the following correctly.

1	Performance Environment	It has received increase attention as a method of solving the problem of insufficient cost data.	A
2	Warehouse	This refers to the ability to structure and manage projects designed to correct problems, improve productivity, and achieve improvement benefits.	B
3	Volume contracts	The Seller arranges for loading on the carrier's equipment.	C
4	Free On Board (FOB)	It's Support the JIT	D
5	Project management ability	It's requires making the transition from a functional organization to a focus o process.	E
6	Activity Based Costing	He/she make it possible to efficiently provide possession, time, and place utility.	F
7	Wholesales	It's concerned with having the proper organizational climate to motivate employees to maximize their effectiveness.	G
8	Implementing	A way to leverage purchase requirements over time, between various business units or location in the company.	H

**Part-B
Marks**

Total (3 x 16 =48)

Answer any three from following questions.

(2 x 8 =16)

Q. 5(a) Explain the elements of customers service (3 Groups)

(b) Explain the major logistics activities in world class manufacturing Industry

(2 x 8 =16)

Q. 6(a) Explain the MRP Systems, Advantages & disadvantages of MRP Systems.

(b) What are the factors affecting warehouse size decision and Explain the some important factors of Warehouse selection?

(2 x 8 = 16)

Q. 7(a)What is channel design and what are the steps in design process?

(b) Draw the Flow chart of Reengineering SCM process.

Q. 8 Explain the terms any 4 questions.

(4 x 4 = 16)

- (a) EOQ
- (b) Difference between warehoused and distribution centres.
- (c) Disadvantages of automated system
- (d) Letter Of Credit (LC)
- (e) SCM

(1 x 16 = 16)

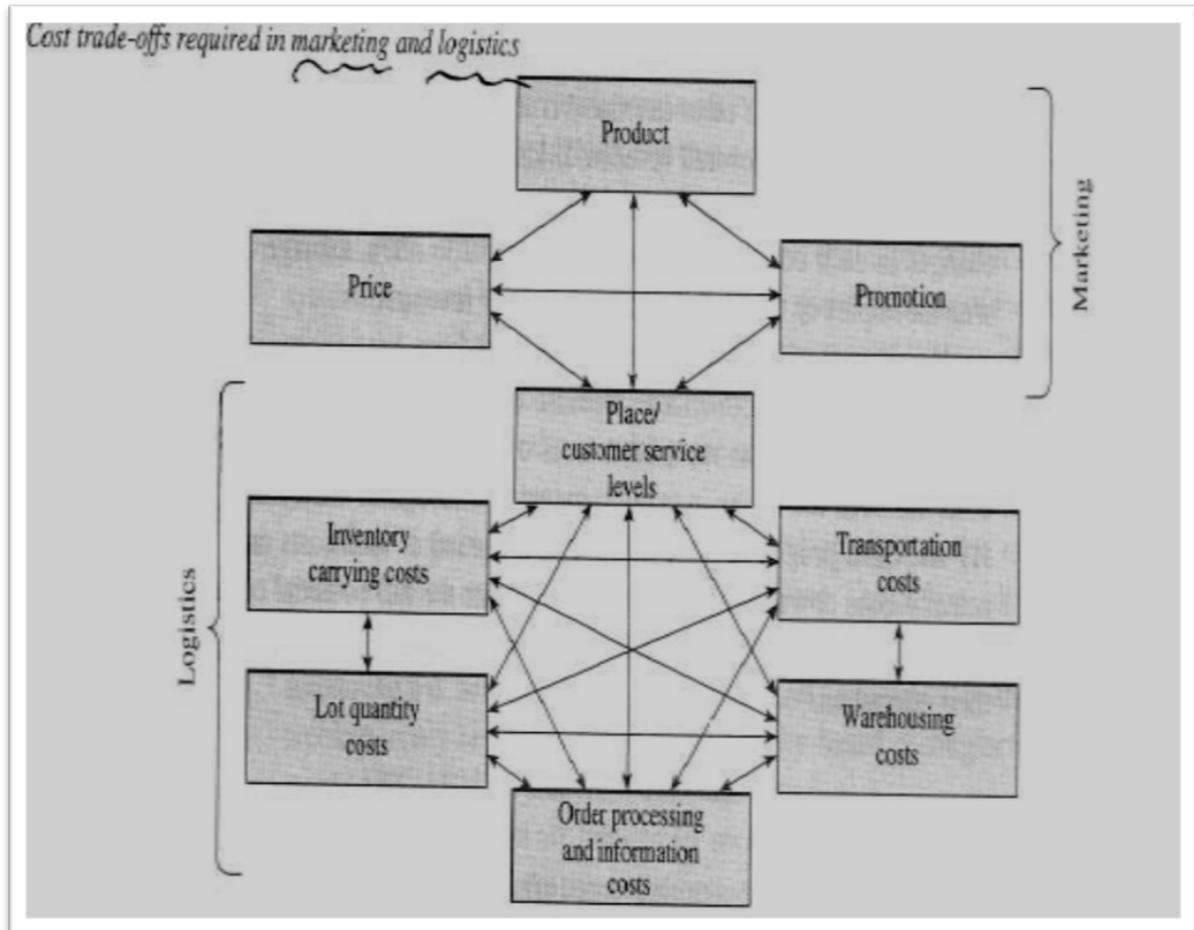
Q. 9 Draw the overview of internal information flows of purchasing and explain the five phases in the selection development and management of purchasing relationships?

Part-C

(Case Study)

(2 x 10 = 20)

Q.10. Cost trade-offs required in marketing and logistics.



Answer any 2 questions

- How do logistics costs affect contributions by product, territory, customer and salesperson?
- What are the costs of providing additional level of customer service? What trade-offs are necessary, and what are the incremental benefits or losses?
- What product packaging alternatives should be used?
