



INDIAN INSTITUTE OF MATERIALS MANAGEMENT
Post Graduate Diploma in Materials Management -3years
Graduate Diploma in Materials Management
PAPER No. 11
LOGISTICS MANAGEMENT

Dec 2019

Date : 28.12.2019
Time : 10.00 a.m. to 1.00 p.m.

Max. Marks :100
Duration : 3 Hrs.

Instructions:

1. **PART A** is compulsory. Answer all questions.
2. From **PART B**, answer any three questions. Each question carries 16 marks .
3. **PART C** is **Case Study** and is compulsory. Read carefully and answer the questions
4. Please read instructions on the answer sheet carefully.

Total marks = 32

Total marks = 48

Total marks = 20

PART A

32x1 = 32 marks

(Compulsory- Attempt all Questions each question carries 1 mark)

Q. 1. State True or False

8 marks

- i. Depending on our need we need to select 3 PL or 4 PL Service Provider.
- ii. Digitalisation brings in transparency in the process of Logistics.
- iii. IGST is applicable for Goods that move from one state to the other.
- iv. Objective of Logistics Management is only to reduce cost of movement by any means.
- v. In Materials Handling Equipment Selection, the Ratio of Dead Weight to Pay Load, should be Maximised.
- vi. In overhead Cranes & Hoists, the power type can be either Electric Motor or Manual Chain Pulley Block.
- vii. Time and Cost are the main two factors in Logistics transport decision making.
- viii. Net Profit Ratio = Net Profit / Total Earning.

Q. 2. Write the full form of following

8 marks.

- a. TQM b. CWC c. GRN d. MTN e. AGVS f. ASRS g. LT L h. CTM

Q. 3. Fill in the blanks

8 marks

- i. Logistics is concerned with getting Products & Services _____ they are needed & _____ they are required.
- ii. Most important Logistics cost is _____.
- iii. Rapid response is concerned with a firm's response ability to _____ customer service requirement in a _____ manner.
- iv. _____ is logistics technique that eliminates the storage & order picking functions of warehouse while still allowing it to serve its receiving & shipping functions.
- v. The average spending on the Reverse Logistics is about _____ %for a garment firms in India.
- vi. In a Decentralised approach , task can be carried out in the _____.
- vii. _____ technology is used for inventory control & Inventory tracking.
- viii. Containers, Pallets or similar articles of transport are used to _____ goods.

Q. 4. Match column A with correct responses from Column B.

8 marks

Column A		Column B	
1	The Primary objective of Logistics	a	Provides as inventory Buffer
2	Strategy tells the supply chain function	b	Reverse Logistics
3	Consolidation warehousing is a concept for	c	In fully understanding the economies of distribution
4	Stockpiling	d	Keep the company & customer updated
5	Term most often used to refer to the role of Logistics - in product return-	e	Reduced labour & Materials cost.
6	Technology in Information processing	f	Cycle Time reduction
7	Direct EDI benefits include	g	Who the targeted customers are & what they want
8	The foundation of developing a successful channel arrangement rests	h	Supply chain simplification & cost reduction

PART - B

Write any three (3) of the following questions – 16 marks each

48 Marks

- Q. 5.** a. What are the new developments in Material Handling System ? (8 marks)
b. Explain the different objectives and guiding principles of material Handling. (8 marks)
- Q. 6.** a. What are the factors governing the Transport Economics & pricing ? (8 marks)
b. Why there is a trend today to go for 3 PL (Third Party Logistics) ? (8 marks)
- Q. 7.** Write notes on any 4 of the following (4 X 4 = 16 marks)
a. Carousals. b. Logistics Outsourcing. c. Recycling & Waste disposal
d. Multimodal Transportation e. Logistics Management in Mumbai Dabbawallas (Tiffinwallas).
- Q. 8.** Explain the Logistic as a function/ process in a large Oil Refining Company , in India
a. related to their inbound logistic. (8 marks)
b. related to their outbound logistics? (8 marks)
- Q. 9.** a. Why a timely & accurate information is critical to integrating logistical activities to any Organisation ? (8 marks)
b. Explain a BILL OF LADING & its importance. (8 marks)

PART – C (Compulsory)

20 Marks

Q. 10. CASE STUDY – Compulsory.

There are large number Of leading players today in the big Retail business market. To name a few are M/s AMAZON, WALMART, FLIFCART, FUTURE GROUP ETC. These leading companies are competing each other fiercely, and are doing well in terms of their year to year growth and increasing their profit margins every year since last many years continuously. They are in addition, increasing their customer base, and are in a position to improve their customer satisfaction levels.

To their such tremendous success, their Logistics function has been their back bone, as the same is contributing for their success in a big way. In this scenario, as per you

Questions:

- Describe the Functions of Logistics, these companies follow for their success and thrust they give on this function.
- How do they integrate Logistics functions to give them the desired goals ?
- Explain the types of ERP Modules they use to bring in synergy in their information flow ?
- What are their innovative practices deployed to handle millions of transactions per day in their multiple warehouses , dispatches 24 x 7 ?
- List down the improvements that these companies have adopted in their logistics, to give them winning edge in the Last Mile Deliveries to their Customer .
