



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

Dec 2017

Date : 15.12.2017
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. Total marks = 32
2. From **PART B**, answer any three questions. Each question carries 16 marks. Total marks = 48
3. **PART C** is **Case Study** and is compulsory. Answer the questions reflecting through understanding of the case. Total marks = 20
4. Please read instructions on the answer sheet carefully.

PART A

(32x1 = 32 marks)

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

Q. 1. State True or False

- a. RFID Technology facilitate information collection & exchange through out supply chain
- b. The two intra firm applications are
 - i. Warehouse Management System .
 - ii. Inventory Management System.
- c. Order processing assigns or allocates available inventory to open customer replenishment of orders.
- d. A distribution channel is “ the structure of intra company organisational units & extra co. Agents & dealers , whole sale & retail through which a commodity , product or service in marketing.
- e. The channel structure should be designed , within the structure of the overall marketing mix. However it does not review the objectives of marketing.
- f. As per CEO of Future logistics Solutions Ltd , the average logistics spend is 10-15 % for Garment firms.
- g. In SRM all processes that focus on the interface between the firm & its customers.
- h. Bill of Entry means a Bill of Entry referred to in section 42 of Indian Custom Act 1962.

Q. 2. Write the full form of following abbreviations as used in the context of Public Procurement.

- a. FDI
- b. 3PL
- c. PPP
- d. NMDP
- e. IRMP
- f. ITS
- g. WDRA
- h. POS

Q. 3. Fill in the blanks

- a. Konkan railway, one of the railway zones, in South Western India , pioneers the _____ concept between Mumbai (Kolad) & Goa (Verna).
- b. Concepts of Third Party Logistics 3 PL, 4 PL THEN _____ are expected to become common place in the not too far distant future India.
- c. Logistics Information System is the _____ of the Modern Logistics Operations.
- d. Logistics is viewed as the _____ that links an enterprise with its customer & suppliers.
- e. Forecasts, Customer orders, Promotions, Periodic demands, Inventory in Hand are the logistics _____.
- f. The primary objectives of the SCM are _____.
- g. The BREAK BULK facility is for the consolidation of long distance transportation is for the consolidation less than _____ freight to lower transport costs,
- h. Ware house has become an integral part _____ & stockless production strategies.

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

Column A

- a. Transportation cost is directly proportional to
- b. Variance is an unexpected event that disrupts
- c. Break bulk a used in the warehousing text should not
- d. Conveying Equipment
- e. Reverse Logistics is about
- f. 3 PL Service providers allows a firm
- g. Sales solicitation, time studies
- h. Billing

Column B

- a. No of invoices, No of orders
- b. Analysis of sales efforts
- c. to penetrate new market
- d. After market customer services
- e. Specialised bulk handling.
- f. be confused with maritime term
- g. performance of the system
- h. The type, size of product, - shipping distance

PART - B

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

(48 Marks)

Q. 5. a. What are the 6 Principles of Logistics Information Systems ?

b. Explain each of above 6 principles in detail.

Q. 6. a. Explain Hub & Wheel Concept related to Warehousing .

b. What are 7 factors of Transport Economics ?

Q. 7. Write notes on any 3 of the following.

- a. Break bulk related to transportation.
- b. Economics of Distribution.
- c. Life Cycle Support
- d. Refrigerated Warehousing.

Q. 8. a. Explain Indian Customs Act 1962.

b. What are the Govt. Of India initiatives, to boot up Indian Logistics industry ?

Q. 9. Explain how effective Logistics Management can add Profit to any Organisation ?

PART – C

20 Marks

Q. 10. CASE STUDY (compulsory)

M/s Hexworth India Ltd , are a leading Auto industry manufacturing 2 wheelers and 3 wheelers in India. They have 3 decades of good History in India and are the Market leaders in each of their Products , & Processes and have earned a good name from their customers. They have 3 manufacturing units , one in South 2 nd one in West and 3 rd being at Northern part of India and their location are very good for Market in India as well for the export. You are their InCharge of Logistics Dept for Inbound as well for Outbound , including export. They have tried couple of consignments of finished products by River to and tasted success. They have plan to double their export too from 25000 cars to 50000 cars for the next financial year. They have now plans for Outsourcing of their Logistics business to bring in cost reduction, safer & faster delivery.

You being in charge of all the Logistics and Warehousing operations, of this firm. Under these circumstances, you are requested to

- a. Draw organisation chart for your logistics department.
- b. Explain the job responsibilities drawn for the outsourcing agency.
- c. How you are going to address the information Monitoring system for your department along with your outsourced Logistics partner ?
- d. What are the new processes you are going to drive to ensure to maintain and improve the profitability to your organisation from the Logistics initiatives ?
- e. Define your Key Result Area for you and your outsourced agency.
