



**INDIAN INSTITUTE OF MATERIALS MANAGEMENT**  
**Post Graduate Diploma in Logistics & SCM**  
**Paper 16 (Enrollment code – CPS)**  
**LOGISTICS MANAGEMENT**

**Dec 2022**

**Date:** 21.12.2022  
**Time:** 10.00 a.m to 1.00 p.m

**Max. Marks 70**  
**Duration 3 hours**

**Instructions**

1. Part A is compulsory. Each sub question carries one mark.
2. In Part B answer any 3 questions out of 5. Each question carries 10 marks
3. Part C is a case study with sub questions and it is compulsory.

**Total marks-20**  
**Total marks-30**  
**Total marks-20**

**PART A(compulsory) (20x1= 20 marks)**  
**Answer all questions. Each sub question carries 1 mark.**

**Q1. State True or False [ 5 marks ]**

- a. A bill of lading is a contract document for the transportation of goods
- b. One of the greatest advantages of using containers is the standardization
- c. Dry ports are ports that are located away from the sea and is used as a stockyard for goods storage
- d. Intermediaries in the logistics system deliver goods at higher costs and longer lead time
- e. Distribution channels are a set of intermediaries who help in the movement of goods to the end customer

**Q2. Write the full form of the following abbreviations as used in the context of SCM. [ 5 marks ]**

- a. FCL                      b. POD                      c. ICD                      d. GTIN                      e. TEU

**Q. 3. Fill in the blanks [ 5 marks ]**

- a. Biometrics is one of the technologies used for \_\_\_\_\_
- b. \_\_\_\_\_ is required for making payment to the port trust authorities
- c. Order picking is one of the main activities in a \_\_\_\_\_
- d. Fourth party logistics providers are also called as \_\_\_\_\_
- e. \_\_\_\_\_ is the collection of loose cargo stowed directly in the hold of the ship

**Q. 4. Match column A with correct responses from Column B. [ 5 marks ]**

Sr. No	Column A	Sr. No.	Column B
1	Global Positioning System (GPS)	A	Goods stored without payment of duty
2	Claused Bill of Lading	B	Movement of goods from manufacturer to customer
3	Bonded goods	C	Tracking cargo
4	Outbound logistics	D	Goods transported in multiple modes with one document
5	Multimodal transport	E	Material received in defective condition

**PART - B [30 marks]**

**Answer any 3 questions, out of 5 questions. (Each question carries 10 marks and sub-question 5 marks)**

- Q 5 a.** Why is logistics management important for an organization? [ 5 marks ]  
**b.** What are the important objectives of Supply Chain Management? [ 5 marks ]
- Q 6 a.** Many factors influence the transportation process. What are they explain briefly. [ 5 marks ]  
**b.** What are the objectives of inventory management? [ 5 marks ]
- Q 7 a.** What are dry ports? What are the benefits of having dry ports? [ 5 marks ]  
**b.** What are the logistics activities in a manufacturing organization? [ 5 marks ]
- Q 8 a.** What is the role of a distribution network? What are the factors that influence a distribution network? [ 5 marks ]  
**b.** What are the factors that influence packing cost and what are the components of packing cost? [ 5 marks ]
- Q 9 a.** What are the components of logistics management? Explain in brief. [ 5 marks ]  
**b.** What are the 4 types of general-purpose containers? What are the benefits of using containers? [ 5 marks ]

## **PART - C**

**[Total 20 marks]**

### **Q. 10. CASE STUDY – Compulsory**

M/s Logic is a logistics company that has been dedicated to the service of only one customer and providing freight forwarding services. They have gained good expertise and are now looking forward to expanding their operations into related areas and become a 3PL logistics provider to multiple customers with varied requirements that are generally handled by 3PL logistics providers.

Hitherto they were operating manually through paper work. Addition to customer base and new activities that have to be handled would require a more efficient system of handling the large volume of data that will be generated.

M/s Logic has been indicated by their prospective customers on additional value-added services that are likely to be included in the scope. These value-added services have significant impact on the operations of their customers and correspondingly in the balance sheet of M/s Logic also.

The customers are interested in the efficient and effective management of inventory in order to reduce their operating cost and the last mile delivery and distribution is expected to have a significant impact in the operation of M/s Logic.

In spite of all this M/s Logic are confident of carrying out a successful expansion program establish their credibility in the field of logistics management.

Question:

1. What are the activities that may be taken up as part of the 3PL expansion activities by M/s Logic?
2. What kind of system and process is required to be included in the expansion plan to work fast and efficiently and handle the large volumes of data?
3. What are the important objectives in the management of inventory that must be followed by M/s Logic in order to help their customers?
4. What are factors that influence must be taken into account by M/s Logic while setting up the distribution network?