

D 53020

(Pages : 4)

Name.....

Reg. No.....

**THIRD SEMESTER B.VOC. DEGREE EXAMINATION  
NOVEMBER 2023**

Logistics Management

SDC 3LM 09—PRINCIPLES OF LOGISTICS INFORMATION SYSTEM

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A***Answer all questions.**Each question carries 1 mark.*

1. When is economies of scale in transportation achieved ?
  - a) The mode of shipment is FTL.
  - b) Distance travelled is long.
  - c) Utilisation of the vehicle is high.
  - d) None of these.
2. Which one of the following does not constitute the dimensions of customer service from the perspective of a supply chain ?
  - a) Product delivery.
  - b) Order delivery.
  - c) Delivery reliability.
  - d) Product life span.
3. Principle of warehouse activities does not include \_\_\_\_\_.
  - a) Order picking.
  - b) Product design.
  - c) Storage.
  - d) Shipment.
4. \_\_\_\_\_ cost include expenses associated with transportation, materials handling and warehousing, inventory, stock outs and order processing.
  - a) Total logistics cost.
  - b) Operating cost.
  - c) Financial cost.
  - d) Full cost.

**Turn over**

5. The trend in organizations is to place the SCM functions :
- Under the manufacturing function.
  - Under the finance function.
  - At the same level as the other major functions.
  - Under the marketing function.
6. In today's supply chain, there has been a shift in the power structure in a chain towards \_\_\_\_\_.
- Distributors.
  - Retailers.
  - 3 PL.
  - Manufacturers.
7. The objective of supply chain is :
- To improve the efficiency across the whole supply chain.
  - To improve responsiveness across the whole supply chain.
  - To deliver improved value to the customers.
  - To improve the efficiency and responsiveness across the whole supply chain and also deliver improved value to the customers.
8. Which of the following has been referred to as "transportation at zero miles per hour" ?
- Materials handling.
  - Inventory management.
  - Procurement.
  - Warehousing.
9. \_\_\_\_\_ involves bringing together similar stocks from different sources.
- Bulk-breaking.
  - Assorting.
  - Accumulating.
  - Sorting out.
10. \_\_\_\_\_ refers to separating products into grades and qualities desired by different target markets.
- Assorting.
  - Sorting out.
  - Allocating.
  - Accumulating.

(10 × 1 = 10 marks)

**Part B (Short Answer Questions)**

*Answer any **eight** questions.  
Each question carries 2 marks.*

11. What is EDI ?
12. What is Bar coding ?
13. What is communication ?
14. What is SCM ?
15. What is ERP ?
16. What is LIS ?
17. What is forecast error ?
18. What is B2B E-commerce model ?
19. What is B2C E-commerce model ?
20. What is logistics management ?
21. What is artificial intelligence ?
22. What is C2C E-commerce model ?

(8 × 2 = 16 marks)

**Part C (Short Essay Questions)**

*Answer any **six** questions.  
Each question carries 4 marks.*

23. Explain business process re-engineering.
24. Explain the types flows in SCM.
25. What is Forecasting ? Explain forecasting methods.
26. Explain B2C E-commerce.
27. What are the disadvantages of E-commerce ?
28. Explain communication, Bar coding and Scanning.
29. Explain the components of LIS.

**Turn over**

30. Explain EDI.
31. Explain Enterprise Resource Planning.

(6 × 4 = 24 marks)

**Part D (Essay Questions)**

*Answer any **two** questions.  
Each question carries 15 marks.*

32. Explain information technology for Supply chain management.
33. What is LIS ? Explain the principles of designing or evaluating LIS applications.
34. What is EDI ? Explain EDI problems.
35. Explain the role IT in Supply chain management.

(2 × 15 = 30 marks)