

D 124054

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Name.....

Reg. No.....

SECOND SEMESTER B.VOC. DEGREE EXAMINATION, APRIL 2025

Logistics Management

SDC2LM09—TRANSPORTATION AND DISTRIBUTION MANAGEMENT

(2021 Syllabus)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A*Answer the following questions.**Each question carries 2 marks.*

1. Which are the main strategies of distribution management ?
2. Write any *two* goals of supply chain management.
3. In a distribution network, what is the relationship between desired response time and required number of facilities ?
4. What is a distribution channel ?
5. What is the principle of economy of distance ?
6. Distinguish between strategic transportation decisions and tactical transportation decisions.
7. What is the nature of Container on flatcar (COFC) ?
8. Which are the levels of measurement of transportation performance ?
9. Which are different types of transportation rates ?
10. Why is delivery lead time important ?
11. Which are the steps in materials management process ?
12. What are the benefits of materials management ?

Turn over

13. What is fleet management software ?
14. Write any *two* advantages of GIS.
15. What are the features of an advanced fleet management systems ?

(Ceiling = 25 marks)

Section B

Answer the following questions.

Each question carries 5 marks.

16. Which are the primary transportation components ?
17. Explain the factors influencing distribution network design.
18. What are the functions of distribution channel ?
19. What is importance of effective transportation system ?
20. Who are the transport participants ?
21. What are the principles for good routing ?
22. What are the capabilities of fleet management software ?
23. What are the advantages of transport security initiatives ?

(Ceiling = 35 marks)

Section C

*Answer any **two** of the following.*

Each question carries 10 marks

24. Explain the evaluate different types of distribution network designs.
25. Which are the different modes of transportation ?
26. Explain the nature and benefits of transportation administration.
27. Write a note on geographic information system (GIS).

(2 × 10 = 20 marks)