

2055

B. Voc. (Logistic Management)
Second Semester

LEM-203: Transportation and Distribution Management

Time allowed: 3 Hours

Max. Marks: 80

NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit. All questions carry 16 marks.

x-x-x

I. Attempt any four of the following:-

- a) Define the concept of distribution channels and their role in logistics.
- b) List merits of distribution models used in logistics.
- c) What are the key elements involved in delivery lead time?
- d) Mention two benefits of multimodal transportation systems.
- e) What is the importance of transport routing decisions in logistics?
- f) What is the role of intelligent transport systems in modern logistics?

UNIT - I

- II. Explain the role of distribution in supply chain and discuss various transportation management functions in detail.
- III. Compare and contrast different types of distribution models. What are their advantages and disadvantages in logistics?

UNIT - II

- IV. What are the key factors influencing distribution network planning? Explain optimization techniques and their application.
- V. Discuss the transportation participants and their contribution to value creation in logistics.

UNIT - III

- VI. Describe different models of transportation and explain the performance characteristics used to evaluate them.

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- VII. What do you understand by cost components of multimodal transportation? Discuss with suitable examples.

UNIT - IV

- VIII. What is the role of information technology in transportation and distribution management? Discuss applications in e-commerce and fleet management.
- IX. Explain various transit operation software used in logistics. How do they enhance the efficiency of transportation systems?

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