

2055
B. Voc. (Logistic Management) FYUP
Second Semester
BLM-201: 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.

x-x-x

I. Answer any four of the following:-

- a) What is the role of transportation management in supply chain distribution?
- b) Define delivery lead time and explain its importance.
- c) Mention two important cost components in multimodal transportation.
- d) What is e-commerce's impact on transportation logistics?
- e) What are the disadvantages of different distribution models?
- f) Name any two optimization approaches used in distribution network planning. (4x4)

UNIT - I

- II. Discuss the role of distribution in supply chain management. Explain how warehousing concepts impact distribution planning. (16)
- III. Explain the advantages and disadvantages of distribution models. How are distribution networks compared for efficiency? (16)

UNIT - II

- IV. Discuss various factors affecting distribution network planning, focusing on local facilities and delivery lead time. (16)
- V. Explain the role of transportation principles and participants. How do various agencies contribute to distribution efficiency? (16)

UNIT - III

- VI. Discuss the performance characteristics of transportation models. How are different models selected for multimodal transportation? (16)

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(2)

- VII. Explain the cost components and value measures in multimodal transportation. How is transportation performance compared? (16)

UNIT - IV

- VIII. Describe transportation routing decisions. How does cost negotiation play a role in effective transportation operations? (16)
- IX. Explain the role of Transit Operation Software and GIS in transport management. How do they improve transportation security and efficiency? (16)

x-x-x