

CHAPTER 1: AN INTRODUCTION TO LOGISTICS MANAGEMENT

1.1 Introduction

Learning Objectives

1.2 Concept of logistics management

1.2.1 Definition of Logistics

1.2.2 Scope of logistics

1.2.3 Objectives of logistics management

1.2.4 Importance of logistics management

Self Assessment Questions

1.3 Types of Logistics

Self Assessment Questions

1.4 Components of Logistics Management

Self Assessment Questions

1.5 Logistics Activities in the manufacturing organization

Self Assessment Questions

1.6 Role of logistics in Economy

Self Assessment Questions

1.7 Concept of international logistics

1.7.1 Components of international logistics

1.7.2 Importance of international logistics

Self Assessment Questions

1.8 Summary

1.9 Key Words

1.10 Case Study

1.11 Exercise

1.12 Answers for Self Assessment Questions

1.13 Suggested Books and e-References

CHAPTER 2: LOGISTICS AND SUPPLY CHAIN MANAGEMENT

2.1 Introduction

Learning Objectives

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2.2.1 Definition of Supply chain management

2.2.2 Objectives of supply chain management

2.2.3 Importance of supply chain management

Self Assessment Questions

2.3 Role of logistics in supply chain management

Self Assessment Questions

2.4 Difference between logistics and supply chain management

Self Assessment Questions

2.5 Summary

2.6 Key Words

2.7 Case Study

2.8 Exercise

2.9 Answers for Self Assessment Questions

2.10 Suggested Books and e-References

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3.2.1 Importance of packaging

3.2.2 Design considerations in packaging

Self Assessment Questions

3.3 Types of packaging material

Self Assessment Questions

3.4 Packaging Costs

Self Assessment Questions

3.5 Packaging and Green Logistics

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3.6 Summary

3.7 Key Words

3.8 Case Study

3.9 Exercise

3.10 Answers for Self Assessment Questions

3.11 Suggested Books and e-References

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4.2.2 Types of Inventory

4.2.3 Objectives of Inventory Management

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4.2.5 Benefits of Holding Inventory

Self Assessment Questions

4.3 Inventory Costs

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4.4 Inventory Performance Measures

4.4.1 Inventory Turnover Ratio (ITR)

4.4.2 Framework of Performance Indicators

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4.5 Inventory Planning Measures

4.5.1 Economic Order Quantity (EOQ)

4.5.2 Reorder Point

4.5.3 Safety Stock

Self Assessment Questions

4.6 Summary

4.7 Key Words

4.8 Case Study

4.9 Exercise

4.10 Answers for Self Assessment Questions

4.11 Suggested Books and e-References

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Self Assessment Questions

5.3 Application of IT in logistics

5.3.1 Electronic Data interchange

5.3.2 Intranet/ Extranet

5.3.3 Data mining and Data warehousing

5.3.4 Automatic identification technology

5.3.5 Warehouse simulation

Self Assessment Questions

5.4 e commerce logistics

Self Assessment Questions

5.5 Logistics resource management

Self Assessment Questions

5.6 Enterprise Resource Planning Tools in logistics

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5.7 Summary

5.8 Key Words

5.9 Case Study

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5.11 Answers for Self Assessment Questions

5.12 Suggested Books and e-References

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6.2.2 Evolution of warehousing

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6.3 Functions of Warehouses

6.3.1 Significance of Warehousing in Logistics

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6.4 Types of Warehouses

Self-Assessment Questions

6.5 Supply Chain and Warehousing

Self-Assessment Questions

6.6 Retail Logistics

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6.6.2 Issues in retail logistics

6.6.3 Managing retail shrinkage

Self-Assessment Questions

6.7 Summary

6.8 Key Words

6.9 Case Study

6.10 Exercise

6.11 Answers for Self-Assessment Questions

6.12 Suggested Books and e-References

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7.2.1 Logistic principles

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7.3.5 Order-picking

7.3.6 Packaging department

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8.9 Summary

8.10 Key Words

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10.9 Summary

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10.13 Answers for Self-Assessment Questions

10.14 Suggested Books and e-References

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12.11 Case Study

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12.13 Answers for Self-Assessment Questions

12.14 Suggested Books and e-References