Effective logistics operations imply the role of intermediate processes in efficient and effective logistics. Illustrate the different types of ships.

4. Explain the different types of cargo and carrier management.

5. Corporation of India. Mention the activities of (CONCOR) and management.

6. Explain the services provided by 3 PLs in logistics.

7. What are the functions of packaging?

8. What are the benefits of warehousing?

9. Explain integrated logistics management.

10. What are the operating objectives of logistics management?

Answer any FIVE questions.

PART A — (5 × 6 = 30 marks)

Maximum: 100 marks

Time: Three hours

(2013-2014 Batch onwards)

Paper XI - LOGISTICS MANAGEMENT Operations and Supply Chain Management

Third Semester

DECEMBER 2014/JANUARY 2015

M.B.A. DEGREE EXAMINATION

MBSC 3002

PRIVATE WAREHOUSING

Discuss the storing materials off-site in public or private warehousing. In what manner is capital commitment and operating a private warehouse more advantageous than a public warehouse?

Questions:

1. The option value of a lease versus a long-term capital commitment.

2. The option value of a lease versus a long-term lease.

3. The option of a lease versus the economics of capitalization.

4. What are the benefits of warehousing?

5. What are the benefits of warehousing?

6. What are the benefits of warehousing?

7. What are the benefits of warehousing?

8. What are the benefits of warehousing?

9. What are the benefits of warehousing?

10. What are the benefits of warehousing?

For each cost element, establish the cost of local warehouse vis-à-vis the cost of national warehouse.

Public warehouse charges for both material handling and storage. The SPC plant charges for both material handling and storage. The SPC plant charges for both material handling and storage.
PART B — (5 x 10 = 50 marks)

Answer any FIVE questions.

9. Discuss the barriers to internal logistics integration.

10. Describe the type of equipments most commonly used for handling equipments.

11. Enumerate packaging materials and kinds of packaging.

12. Elucidate the steps can be taken to prevent damage to the goods due to humidity during the transport and storage.

13. Describe the components of inventory.

14. Discuss barriers of global Logistics.

15. Describe the roles and functions of Inland container Depots when acting as connecting modes of transportation.

16. Enumerate how Logistics system planning components form the information system backbone for manufactures and Merchandisers?

PART C — (20 marks)

Case Study (Compulsory)

17. Supply Chain Management:

Julie Williams, facility production planning manager at Specially Packaging Corporation, left the meeting with the collaborative forecast team with forecasts and error estimates for the next three years. She now needed to determine how to meet this demand. Because SPC sometimes outsourced warehousing to its supply chain partners, one decision Julie had to make was whether to use public or private warehousing. She also had to decide how much warehouse space to lease or build if she choose to use private warehousing.

Demand forecast for next three years

The collaborative forecasting team used the historical demand data provided in Table 7.4 supplemented with stockout data to develop a forecast for quarterly demand for both clear and black plastic containers. The demand forecast between 2007 and 2009 is shown below:

<table>
<thead>
<tr>
<th>Year</th>
<th>Quarter</th>
<th>Black plastic forecast ('000 lb)</th>
<th>Clear plastic forecast ('000 lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>I</td>
<td>6,650</td>
<td>7,462</td>
</tr>
<tr>
<td></td>
<td>II</td>
<td>4,576</td>
<td>18,250</td>
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<td>III</td>
<td>6,293</td>
<td>8,894</td>
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<td>IV</td>
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<tr>
<td>2009</td>
<td>I</td>
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<td>9,235</td>
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<tr>
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<td>II</td>
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</tr>
</tbody>
</table>

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