



**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**  
**End Term Examination May- 2022**

**Program: MBA (LSCM)**  
**Subject/Course: Warehouse Management**  
**Course Code: LSCM8005**

**Semester: II**  
**Max. Marks: 100**  
**Duration: 3 Hours**

**IMPORTANT INSTRUCTIONS**

**Section A(20marks)**

- 1. Each Question subpart will carry 2 Marks**  
**2. Instruction: Complete the statement / Select the correct answer(s)**

<b>1</b>	<b>Objective/Very short answers</b>	<b>COs</b>
<b>a</b>	POD stands for_____	<b>CO1</b>
<b>b</b>	The two commonly used warehouse flows are _____ & _____.	<b>CO1</b>
<b>c</b>	_____ is a record of goods received from suppliers, and the record is shown as a proof that ordered products had been received.	<b>CO1</b>
<b>d</b>	_____ is a software solution that offers visibility into a business's entire inventory and manages supply chain fulfillment operations from the distribution center to the store shelf.	<b>CO1</b>
<b>e</b>	EOQ stands for_____	
<b>f</b>	State True or False The FIFO inventory technique is best suited for fast-moving consumer goods (FMCG).	<b>CO1</b>
<b>g</b>	State True or False The GIT report helps the logistics manager to track the inventory in transit for better planning.	<b>CO1</b>
<b>h</b>	State True or False Acknowledged Lorry receipt may be referred to as POD.	<b>CO1</b>
<b>i</b>	State True or False A warehouse staging area is a rack-free zone usually located in front of the loading docks where goods are placed temporarily on the floor.	<b>CO1</b>
<b>j</b>	State True or False	<b>CO1</b>

	Location mapping ensures quicker picking and putaway.																
<b>Section B (20 marks)</b> <b>1. Each question will carry 5 marks</b> <b>2. Instruction: Write short / brief notes</b>																	
2	Discuss the significance is proof of delivery (POD) in transportation.	<b>CO2</b>															
3	What is the difference between a stock transfer note (STN) and Purchase Order?	<b>CO2</b>															
4	Explain briefly the significance of batch number and batch tracking.	<b>CO2</b>															
5	What is the principle of unitization of load? Give example in the context of Warehousing.	<b>CO2</b>															
6	Write a short note on importance of location mapping in warehousing.	<b>CO2</b>															
<b>Section C (30 marks)</b> <b>Each question will carry 10 marks</b>																	
7	Explain in detail the inbound process in a warehouse. What are the various steps/procedures involved in planning an inbound movement?	<b>CO3</b>															
8	<p>ABC Manufacturing is considering where to locate its warehouse in order to service its four Ohio stores located in Cleveland, Cincinnati, Columbus, and Dayton. Write a brief note on the Center of Gravity method used for location decisions. Compute the center of Gravity for Matrix Manufacturing with the information given below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Location</th> <th style="text-align: left;">Coordinates(X,Y)</th> <th style="text-align: right;">Load(l) (MT)</th> </tr> </thead> <tbody> <tr> <td>Cleveland</td> <td>(11,22)</td> <td style="text-align: right;">15</td> </tr> <tr> <td>Columbus</td> <td>(10,7)</td> <td style="text-align: right;">10</td> </tr> <tr> <td>Cincinnati</td> <td>(4,1)</td> <td style="text-align: right;">12</td> </tr> <tr> <td>Dayton</td> <td>(3,6)</td> <td style="text-align: right;">4</td> </tr> </tbody> </table>	Location	Coordinates(X,Y)	Load(l) (MT)	Cleveland	(11,22)	15	Columbus	(10,7)	10	Cincinnati	(4,1)	12	Dayton	(3,6)	4	<b>CO3</b>
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9	Write a note on the picking process explaining its significance in distribution and what are different picking techniques employed for effective picking?	<b>CO3</b>															

**Section D (30 marks)**

**Attempt anyone**

***This Question carries 30 Marks.***

10	<p>Explain the Inbound process of a warehouse in context of fast moving consumer goods(FMCG).</p> <p style="text-align: center;"><b>OR</b></p> <p>Explain the role of a warehouse as a cross-docking center in detail. How does it bring value to fast-moving consumer goods (FMCG) organizations with multiple product ranges? Illustrate it with the use of diagrams.</p>	CO4
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