

Name:

Enrolment No:



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**End Semester Examination May 2025**

**Course: Warehouse Management**

**Course Code: LSCM7025**

**Program: MBA(LSCM)**

**Time: 03 hrs.**

**Semester: II**

**Max. Marks: 100**

**Instructions: All sections are compulsory & this question paper carries four sections.**

**Section – A (20 Marks)**  
**Attempt all questions in this section.**

**Marks**

**CO**

**Q-1**

**Very short answers-**

**2\*10=20**

1. \_\_\_\_\_ in a warehouse is the physical act of finding multiple SKUs, bundling them into a single package, and creating a new SKU for that package before shipping.

**2**

**CO1**

2. The document signed by the recipient to confirm the delivery of goods is known as \_\_\_\_\_.

**2**

**CO1**

3. What two types of inventory flow exist in warehouse layout?

**2**

**CO1**

4. Who introduced the concept of cross-docking?

**2**

**CO1**

5. What are the two types of costs associated with inventory?

**2**

**CO1**

6. GRN stands for\_\_\_\_\_.

**2**

**CO1**

7. \_\_\_\_\_ is the combining of small components (or units) of a load into a single larger unit.

**2**

**CO1**

8. The EOQ is a point on the total cost curve where the inventory holding cost becomes equal to\_\_\_\_\_.

**2**

**CO1**

9. Two types of picking are\_\_\_\_\_& \_\_\_\_\_.

**2**

**CO1**

10. OTIF stands for\_\_\_\_\_.

**2**

**CO1**

**Section – B (20 Marks)**

**Attempt any four questions in this section. Each carries 5 marks (5\*4=20 marks)**

Q.2	Explain the concept of Vendor Managed Inventory (VMI) with an example.	5	CO2
Q.3	Discuss the tradeoff of inventory cost and service levels in the warehousing context.	5	CO2
Q.4	Explain the concept of FSN inventory classification.	5	CO2
Q-5	Explain the concept of Just in time (JIT) and its advantages in logistics.	5	CO2

**Section – C (30 Marks)**

**Attempt any 3 questions. Each question carries 10 marks (10\*3=30 marks)**

Q -6	What are the various key performance indicators (KPIs) to measure Warehouse Service performance? Also explain what is meant by the service level agreement (SLAs) in outsourcing>	10	CO4
Q-7	In the context of a postponement strategy, how can downstream distribution centers/ warehouses be viewed as value-adding Centers? Explain regarding the paint industry.	10	CO3
Q-8	How Inventory accuracy and shrinkage can be controlled with cycle counting? Explain the process of cycle counting in in detail.	10	CO2

**SECTION-D**

**Answer the following**

**(15\*2=30 marks)**

Q-9	Discuss the importance of IT tools in warehouse operation. In this context, explain the following IT tools in brief:  a. Warehouse Management System (WMS)  b. Enterprise Resource Planner (ERP).	5 5 5	CO4
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Q-10	<p>Discuss the role of cross docking in distribution. What are the factors, which are to be considered in deciding the cross-docking sites? Also, in the context of distribution, please explain the following –</p> <p>a) Bonded Warehouse</p> <p>b) Fulfilment Centre</p>	<p><b>6</b></p> <p><b>3</b></p> <p><b>3</b></p> <p><b>3</b></p>	<b>CO3</b>
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