

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination May 2024

Course: Warehouse Management
Course Code: LSCM2005
Program: BBA(LM)
Time: 03 hrs.

Semester: IV
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	What is the significance of advance shipping notification (ASN) in warehousing?	5	CO2
Q.4	Discuss the tradeoff of inventory cost and service levels in the warehousing context.	5	CO2
Q.5	Explain the concept of FSN inventory classification.	5	CO2
Q-6	Explain the concept of Just in time (JIT) and its advantages in logistics.	5	CO2
<u>Section – C (30 Marks)</u>			
Each question carries 10 marks		(10*3=30 marks)	
Q -7	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	CO3
Q-8	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-9	How Inventory accuracy and shrinkage can be controlled with cycle counting? Explain the process of cycle counting in in detail.	10	CO3
SECTION-D			
Answer the following		(15*2=30 marks)	
Q-10	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
Q-11	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 – a) Bonded Warehouse b) Fulfilment Centre	6 3 3 3	CO4