USN											Course Code	2	2	M	B	A	L	S	3	0	2

Third Semester MBA Degree Examinations, March/April 2024
WAREHOUSE MANAGEMENT

Duration: 3 hrs   **Max. Marks: 100**

Note: *1. Answer any* **FOUR** *full questions from Question No. 1 to 7.*
       2.Question No. 8 is compulsory
       3. Missing data, if any, may be suitably assumed

_Q. No_		_Question_	_Marks_	_(RBTL:CO:PO)_
1.	**a.**	Outline the need of warehouse.	**03**	(2 :1 : 1)
	b.	Identify the role of warehouse manager	**07**	(4 :1 : 3)
	c.	Evaluate various types of warehouse	**10**	(5 :1 : 5)
2.	**a.**	Contrast between inbound and outbound activities	**03**	(3 :2 : 2)
	b.	Explain about cross docking and its advantages	**07**	(4 :2 : 2)
	c.	Discuss and illustrate the role of warehouses in reverse logistics.	**10**	(5 :2 : 5)
3.	**a.**	Examine various components of inventory decisions	**03**	(3 :2 : 4)
	b.	Analyse the concept of EOQ? How does application of EOQ help in controlling Inventory? Explain with examples	**07**	(4 :3 : 2)
	c.	Assess various types of costs associated with inventory.	**10**	(5 :3 : 2)
4.	**a.**	Interpret the main issues transportation faces during warehousing	**03**	(3 :4 : 4)
	b.	Identify basic warehouse design	**07**	(4 :4 : 5)
	c.	Discuss about benefits of consolidation and break bulk	**10**	(5 :4 : 4)
5.	**a.**	Examine and write a note on (i) Cartons (ii) Pallets (iii)Stretch wraps	**03**	(4 :5 : 4)
	b.	Determine how to optimize waste management at your warehouse	**07**	(5 :4 : 5)
	c.	Justify impact of the computer technology automatic identification in a warehouse	**10**	(5 :5 : 5)
6.	**a.**	Explain on bill of material with example	**03**	(4 :3 : 4)
	b.	What is material planning? Evaluate the process of MRP material requirement planning.	**07**	(4 :3 : 5)

Note: (RBTL - Revised Bloom's Taxonomy Level: CO - Course Outcome: PO– Programme Outcome)

	c.	Evaluate the ABC Analysis and its application with example	**10**	(5 :3 : 2)
7.	**a.**	Categorize sorting and mixing with examples.	**03**	(4 :4 : 3)
	b.	Determine Aisle width decision	**07**	(5 :4 : 5)
	c.	Recommend the economic benefits of warehousing	**10**	(5 :4 : 3)

8.

Case Study

Spare parts warehouse of a manufacturer of heavy equipment, until recently the warehouse was working manually. Mr. Joey, Warehouse Manager, decide to install a fully automatic and computerized system in order to increase productivity

First month, (1) productivity increased more than 100% (as expected), (2) The operator's work became easier and safer (3) No worker had been redundant, however on the contrary salaries had increased. But at the third month after the implementation of the system, Errors start creeping into the system.

The automatic system appeared to be less efficient than the old manual system (1) A big investment eventually seemed not to be viable (2) Workers seem to lack synergy with the system (3) Productivity instead of increasing, eventually decreased.

With the underlying causes Fear of redundancy, Powerlessness, Fast change in work processes that created psychological imbalance in employees. Inefficient training and information about the new system which leading to OMB Type D: Damaging, destructive and/or disparaging behaviour committed intentionally.

	a.	Discuss benefits of automated and computerized system.	**10**	(5 :5 : 5)
	b.	Assess the mistakes Mr. Joey did while adopting the new technology?	**10**	(5 :5 : 5)

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Note: (RBTL – Revised Bloom's Taxonomy Level: CO – Course Outcome: PO– Programme Outcome)