

**BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT**

(Autonomous Institute under Visvesvaraya Technological University, Belagavi)

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Course Code 

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Third Semester MBA Degree Examinations, May/June 2023

**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*

<u>Q. No</u>	<u>Question</u>	<u>Marks</u>	<u>(RBTL:CO:PO)</u>
1.	a. Discuss the Role of Warehouse	03	(2 :1: 1)
	b. Interpret factors would you consider while choosing Warehouse location.	07	(2 :1: 2)
	c. Outline how Warehousing play's important role in supply chain.	10	(3 :2: 2)
2.	a. Summarize need for Warehousing.	03	(2 :1: 1)
	b. Outline the Role of Warehouse Manager.	07	(2 :1: 2)
	c. Examine types of Warehouse use in today's business.	10	(3 :2: 2)
3.	a. Illustrate (i) ROI (ii) MRP (iii) BOM	03	(3 :2: 2)
	b. Identify MRP steps.	07	(3 :2: 3)
	c. Categorize the types of costs associated with inventory?	10	(4 :3: 3)
4.	a. Interpret (i) Warehouse inventory management. (ii) Construct EOQ formula and mention three Variables (or Inputs) used to Calculate EOQ.	03	(3 :2: 2)
	b. Classify Types of Inventories.	07	(3 :2: 3)
	c. Analyse ABC Analysis and Identify its Advantages and Disadvantages.	10	(4 :3: 3)
5.	a. Categorize Sorting and mixing	03	(4 :3: 3)
	b. Compile 6 basic factors for design and layout of a warehouse.	07	(4 :3: 4)
	c. Determine Aisle width decision	10	(5 :4: 4)
6.	a. Identify (i) Cartons (ii) Pallets (iii) Stretch wraps	03	(4 :3: 3)
	b. Justify Impact of the computer technology automatic identification	07	(4 :3: 4)
	c. Judge Issues and trends in Product transport	10	(5 :4: 4)
7.	a. Explain warehouse fire safety Measures	03	(4 :3: 3)
	b. If storage plan is not done properly what are the problems can expect in warehouse. Explain	07	(4 :4: 3)
	c. Justify about Product Mix Consideration.	10	(5 :3: 4)

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

**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.

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|----|---|-----------|-----------|
| a. | What mistakes Mr. Joey did while adopting the new technology? | <b>10</b> | (3 :3: 4) |
| b. | List out benefits of automated and computerized system.       | <b>10</b> | (3 :3: 5) |

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