

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2023****Subject Code:3161501****Date:12-07-2023****Subject Name:Materials Management****Time:10:30 AM TO 01:00 PM****Total Marks:70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

		MARKS
Q.1	(a) Define the term: Material Management.	03
	(b) Explain the role of Material management in Industrial engineering.	04
	(c) Enlist the type of Inventory models, Explain any one of them briefly.	07
Q.2	(a) Enlist different functions of Warehouses.	03
	(b) Define surplus and scrap management in context of store management.	04
	(c) Explain the importance of Store management.	07
OR		
	(c) Explain different material handling equipment used in store management.	07
Q.3	(a) Define Waste control in context of material management.	03
	(b) How standardization and variety reduction important in material management.	04
	(c) Explain the importance of material control in material management.	07
OR		
Q.3	(a) Define: Vendor	03
	(b) Enlist the functions of purchasing management.	04
	(c) Explain the types of layouts of store.	07
Q.4	(a) Explain the Make or buy decision in purchasing management.	03
	(b) Explain ABC analysis in purchasing.	04
	(c) Write a short note on selection of sources.	07
OR		
Q.4	(a) Write a full form of VED Analysis.	03
	(b) Explain the Imports and Exports policy in purchasing management.	04
	(c) Explain Purchasing of Capital Equipment by appraisal method.	07
Q.5	(a) Define Inventory.	03
	(b) Enlist the type of Inventory.	04
	(c) Write a short note on breakeven chart with neat sketch.	07
OR		
Q.5	(a) Define Lead time in context to materials management.	03
	(b) Enlist different models of inventory management.	04
	(c) Explain anyone model of inventory management.	07
