

GUJARAT TECHNOLOGICAL UNIVERSITY

BE- SEMESTER- IV EXAMINATION – SUMMER 2026

Subject Code:3142307

Date:19-05-2026

Subject Name: Industrial Management in Plastic Industries

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) Give the Introduction of Management.	03
	(b) Enlist the Characteristics of Management.	04
	(c) Explain the Principles of Management by Frederick Taylor.	07
Q.2	(a) Define the Working Capital Management	03
	(b) Give the Sources of working capital finance.	04
	(c) Explain the working capital-Operating Cycle, and its Significance	07
	OR	
	(c) Explain the assessment of working capital, and Factors determining requirements of working capital.	07
Q.3	(a) Define Inventory Management	03
	(b) List the Benefits of holding Inventories	04
	(c) Explain the Concept of Inventory and Motives of holding Inventories.	07
	OR	
Q.3	(a) Define Production Management	03
	(b) Discuss the Objectives of Inventory Management	04
	(c) Explain the given terms Product inspection, Flow of materials, Inventory control, Materials Handling, Quality control, Small enterprise technology	07
Q.4	(a) Define the Quality control.	03
	(b) Write short notes on Plant location, Plant Layout, and Product design	04
	(c) Explain the Concept, function and importance of Marketing	07
	OR	
Q.4	(a) Explain the 4 Ps of Marketing	03
	(b) Enlist the Problems of Marketing of small enterprise	04
	(c) Explain the given topics Manpower planning, Job requirements Remuneration and benefits	07
Q.5	(a) Explain the term TQM	03
	(b) Give the Difference between ISO and TQM.	04
	(c) Give the Characteristics of successful Entrepreneurs, and write about Entrepreneurial decision process.	07
	OR	
Q.5	(a) Define the the Entrepreneur .	03
	(b) Write the Distinction between an Entrepreneur and a manager	04
	(c) Explain the Functions of Entrepreneur , need for an Entrepreneur and Types of Entrepreneur.	07
