

GUJARAT TECHNOLOGICAL UNIVERSITY**BE- SEMESTER-V EXAMINATION – WINTER 2025****Subject Code:3152210****Date:17-11-2025****Subject Name:Industrial 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 CPM	03
	(b) What are the functions of production planning?	04
	(c) What are the advantage and dis-advantage of CPM	07
Q.2	(a) Define PERT	03
	(b) Explain breakeven analysis.	04
	(c) What is the limitation of PERT	07
	OR	
	(c) How material handling and plant layout are related?	07
Q.3	(a) Define PPC	03
	(b) What are steps of production planning?	04
	(c) How production control useful in industry?	07
	OR	
Q.3	(a) What is Plant layout?	03
	(b) Write a note on Gantt chart.	04
	(c) Explain bottlenecking.	07
Q.4	(a) Define Marketing.	03
	(b) Enlist the criteria for site selection of plant.	04
	(c) What are the factors affecting plant location?	07
	OR	
Q.4	(a) Define Organisation Behaviour.	03
	(b) What are the objectives of material handling?	04
	(c) What are the objectives of inspection department?	07
Q.5	(a) Define Inspection.	03
	(b) Classify types of market research.	04
	(c) Explain methods of sales forecasting.	07
	OR	
Q.5	(a) Define Quality control.	03
	(b) What are types of market promotions?	04
	(c) Importance of customer service in industry.	07
