

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-V (NEW) EXAMINATION – WINTER 2023****Subject Code:3152210****Date:05-12-2023****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 Industrial Management.	03
(b) What is the need of industrial management?	04
(c) Explain PERT and CPM.	07
Q.2 (a) Define PERT.	03
(b) What is AoA system?	04
(c) What are the advantages of CPM?	07
OR	
(c) What are the limitations of CPM?	07
Q.3 (a) Define CPM	03
(b) Differentiate between PERT and CPM.	04
(c) What are the advantages of PERT?	07
OR	
Q.3 (a) Define PPC.	03
(b) What is product planning process?	04
(c) Explain the importance of scheduling process.	07
Q.4 (a) Define Gantt Chart.	03
(b) Explain critical ration scheduling method.	04
(c) Describe the site selection process of a plant.	07
OR	
Q.4 (a) Define plant layout.	03
(b) What are the factors considered for plant layout?	04
(c) Explain the principals of plant layout.	07
Q.5 (a) What is material handling?	03
(b) Explain the types of marketing research.	04
(c) What is the importance of consumer behavior?	07
OR	
Q.5 (a) Define marketing.	03
(b) What is the need and objective of inspection department?	04
(c) What are the factors affecting quality control?	07
