

GUJARAT TECHNOLOGICAL UNIVERSITY**BE- SEMESTER-V (NEW) EXAMINATION – WINTER 2020****Subject Code:3152210****Date:22/01/2021****Subject Name:Industrial Management****Time:10:30 AM TO 12:30 PM****Total Marks: 56****Instructions:**

1. Attempt any FOUR questions out of EIGHT questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

		MARKS
Q.1	(a) Explain the industrial management and its need.	03
	(b) Define CPM and PERT. Differentiate between CPM and PERT.	04
	(c) Explain Gantt chart in details.	07
Q.2	(a) Explain the market research and its classification.	03
	(b) Explain the meaning and need of scheduling for productivity and utilization.	04
	(c) Discuss the advantages and limitations of CPM.	07
Q.3	(a) Define PPC. List the functions of PPC.	03
	(b) Explain AOA and AON systems of CPM.	04
	(c) Explain the critical ratio scheduling method of PPC.	07
Q.4	(a) Discuss the objective and steps in production planning.	03
	(b) Explain the time estimates for PERT.	04
	(c) Explain the factors, types and methods of sales forecasting.	07
Q.5	(a) Describe the selection of site for plant location.	03
	(b) Discuss the factors considered for plant layout.	04
	(c) Explain the relationship between plant layout and material handling.	07
Q.6	(a) List different material handling devices.	03
	(b) Discuss the various techniques used for location selection.	04
	(c) Explain the duties of marketing manager.	07
Q.7	(a) Discuss the market research techniques.	03
	(b) Explain the customer service, satisfaction and behavior.	04
	(c) Discuss the advantages and disadvantages of quality control.	07
Q.8	(a) Describe the organization of inspection department.	03
	(b) Explain the buyer behavior and marketing strategies.	04
	(c) Discuss the quality planning and its management system.	07
