

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VII(NEW) EXAMINATION – SUMMER 2019****Subject Code:2172502****Date:10/05/2019****Subject Name:Productivity Improvement Methods****Time:02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

			MARKS
Q.1	(a)	Describe productivity measurement.	03
	(b)	Differentiate between production & productivity.	04
	(c)	Explain various factors affecting productivity.	07
Q.2	(a)	What is work study?	03
	(b)	Differentiate between method study and work measurement.	04
	(c)	Describe the process of method study.	07
OR			
Q.3	(c)	Describe the process of work measurement.	07
	(a)	What is the role of NPC?	03
	(b)	List steps to be considered for BPR.	04
Q.3	(c)	Explain re-engineering of organization.	07
OR			
Q.3	(a)	What is the importance of BPR?	03
	(b)	List activities of NPC.	04
	(c)	Write a short note on importance of training in BPR.	07
Q.4	(a)	What is the importance of Operation Process Chart?	03
	(b)	What are the objectives of method study?	04
	(c)	Describe two handed process chart in detail.	07
OR			
Q.4	(a)	What is the importance of work measurement?	03
	(b)	What are the objectives of work measurement?	04
	(c)	Describe the procedure of collecting data for time study.	07
Q.5	(a)	Define performance rating.	03
	(b)	Explain work place layout and its importance.	04
	(c)	List advantages of increased productivity.	07
OR			
Q.5	(a)	Define ergonomics.	03
	(b)	How does the environment affect on performance?	04
	(c)	Describe the productivity scenario of Indian manufacturing sector.	07
