GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VII EXAMINATION – WINTER 2015

Subject Code: 172502Date:07/12/20Subject Name: Productivity improvement methodsTime: 10:30am to 1:00pmTime: 10:30am to 1:00pmTotal MarksInstructions:1. Attempt all questions.				
Q.1	(a) (b)	Explain the importance of productivity measurement in industries. Write short note on recent development in plant maintenance.	07 07	
Q.2	(a) (b)	Write procedural steps for method study and explain them in detail. Differentiate between charts and diagrams with suitable example. OR	07 07	
	(b)	Write a brief note on objectives of work measurement.	07	
Q.3	(a) (b)	Ergonomics is positively related with performance of workers – Justify. Which are various incentive schemes? What role the performance ratings play in deciding the wages?	07 07	
		OR	~-	
Q.3	(a) (b)		07 07	
Q.4	(a)	What are the duties of maintenance department in a continuous production industry?	07	
	(b)	Differentiate between preventive and scheduled maintenance. OR	07	
Q.4	(a) (b)	Hoe the TQM and BPR are related with each other? Explain SIMO chart in detail	07 07	
Q.5	(a) (b)	Explain two handed process chart for assembly operation. Write a short note on work study.	07 07	
0.5	(\mathbf{a})	OR	07	
Q.5	(a) (b)	Explain the stop watch procedure for conducting time study. Explain BMTS in detail.	07 07	
