GUJARAT TECHNOLOGICAL UNIVERSITY
BE - SEMESTER–VI(OLD) – EXAMINATION – SUMMER 2019

Subject Code:161907   **Date:21/05/2019**

Subject Name: Industrial Engineering

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.

Q.1	**(a)**	Classify production system & its characteristics	**07**
	(b)	Explain raking method in brief	**07**
Q.2	**(a)**	Explain importance of good wage incentive plan	**07**
	(b)	What is process capability? How it can be measured?	**07**
		OR	
	(b)	Explain any two merit rating plan	**07**
Q.3	**(a)**	Explain Ergonomics & its application	**07**
	(b)	What are the uses of Flow process chart? Explain with one suitable example	**07**
		OR	
Q.3	**(a)**	Discuss any three methods of sales forecasting	**07**
	(b)	Explain Operating Characteristics curve	**07**
Q.4	**(a)**	What is sampling? How it is useful in Statistical Quality Control?	**07**
	(b)	Explain any four objectives of production management	**07**
		OR	
Q.4	**(a)**	What is PPC? Explain importance of it	**07**
	(b)	Discuss any two scheduling method	**07**
Q.5	**(a)**	Define work study. Enlist scope of it	**07**
	(b)	Explain steps of work study in brief	**07**
		OR	
Q.5	**(a)**	What is concept of entrepreneurship? Explain importance of it	**07**
	(b)	Explain factors affecting plant location decision	**07**

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