Seat No.:	Enrolment No.

## GUJARAT TECHNOLOGICAL UNIVERSITY

ME – SEMESTER – III (New) • EXAMINATION – WINTER - 2020

Subject Code: 3730005		t Code: 3730005 Date:1/1/2021	Date:1/1/2021	
Ti	me: 1 tructio 1. 2.	Attempt any FOUR questions out of EIGHT questions.	56	
Q.1	(a) (b)	Explain the scope and process of Business Analytics. Explain sampling and estimation methods in detail.	07 07	
Q.2	(a) (b)	Discuss about Simple Linear Regression. Discuss Descriptive Statistical methods.	07 07	
Q.3	(a) (b)	What are the common Management issues faced by today's organization. Also explain the importance of Team Management.  Discuss about Descriptive Analysis and Predictive Analysis.	07 07	
Q.4	(a) (b)	Explain nonlinear Optimization in detail.  Discuss Qualitative and Judgmental Forecasting.	07 07	
Q.5	(a) (b)	Discuss Regression Forecasting with Casual Variables. Explain Monte Carlo Simulation in detail.	07 07	
Q.6	(a) (b)	Explain Utility and Decision Making in detail. Explain Decision Trees.	07 07	
Q.7	(a) (b)	Discuss recent trends in Embedded and collaborative business intelligence. Explain Forecasting Models for Time Series with a Linear Trend in detail.	07 07	
Q.8	(a) (b)	Discuss the recent trend of Data Journalism.  Explain Data and models for Business Analytics in detail.	07 07	

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