Seat No.:	Enrolment No

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER - VI (OLD).EXAMINATION - WINTER 2016

Subject Code: 162501 Subject Name: Statistical Methods and Q							Date: 27/10/2016 uality Control							
	Time: 10:30 AM to 01:00 PM							Total Marks: 70						
Instru		s: Attempt all ques Make suitable as Figures to the ri	sumptio				ary.							
Q.1	(a) (b)	<u>.</u>											07 07	
Q.2	(a) (b)	Discuss various Find median for Gross profit No. of	r the fol	et. -10 22	0 10-20 20-30 30-40 38 46 35					40-50	0	07 07		
	(b)	Calculate the m Class Frequency	0-7	the followard 7-14 25	owing 14-1 36	21	21-28 72	28-		35-4 43	2 4	42-49 28	<u>, </u>	07
Q.3	(a) (b)	Explain various Calculate variate	nce for t		g data		15 10	20 15	25 6	30 4				07 07
Q.3	(a) (b)	Discuss moments as a measure of statistical properties.											07 07	
Q.4	(a) (b)	Explain Baye's theorem in detail.												07 07
Q.4	(a) (b)													07 07
Q.5	(a) (b)	•												07 07
Q.5	(a) (b)	Discuss ANOVA with suitable example.											07 07	
