Seat No.: Enrol	ment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION - SUMMER 2013

Subject Code: 162501 Date: 24-05-201 Subject Name: Statistical Methods and Quality Control Fime: 10.30 am - 01.00 pm Total Marks: 7			013
			: 70
	1.		
Q.1	(a) (b)	1 71	07 07
Q.2	(a) (b)	* *	07 07
	(b)	Describe õnormal distribution curveö and ités importance in detail	07
Q.3	(a)	Compare raw moment and central moment and derive relationship between them	07
	(b)	What is exponential distribution? Explain it properties in detail. OR	07
Q.3	(a)	What are the ways of representing data? Explain them with their suitable applications.	07
	(b)	What is auto-correlation? Explain auto-correlation in detail.	07
Q.4	(a) (b)	7.0	07 07
Q.4	(a)	Describe process of testing hypothesis when mean of two samples are known.	07
	(b)	What is the use of student t-test? Give an example of t-test	07
Q.5	(a) (b)	1 1	07 07
Q.5	(a) (b)	*	07 07
