GUJARAT TECHNOLOGICAL UNIVERSITY
M.E –Ist SEMESTER–EXAMINATION – JULY- 2012

Subject code: 710001N   **Date: 03/07/2012**

Subject Name: Communication & Research Skills

Time: 2:30 pm – 05:00 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)**	What are the methods to collect Primary Data? Explain them in detail along with suitable example	**07**
	(b)	What do you mean by hypothesis? Explain null and alternative hypothesis in the context of a research problem.	**07**
Q.2	**(a)**	Describe data representation methods with suitable example in detail.	**07**
	(b)	What do you mean by type I and type II errors? Explain them in detail.	**07**
		OR	
	(b)	Describe regression analysis with a case problem	**07**
Q.3	**(a)**	Discuss characteristics and structure of technical report writing	**07**
	(b)	Describe the guideline and process of writing research paper for reputed journal or conference	**07**
		OR	
Q.3	**(a)**	What do you mean by version of a document? Explain the process of version management.	**07**
	(b)	Describe sampling methods to test the data with a case problem	**07**
Q.4	**(a)**	Write a sample letter to call a candidate for an interview.	**07**
	(b)	What do you mean by gesture and posture? Explain them in detail	**07**
		OR	
Q.4	**(a)**	Describe ways of communication along with it's impact.	**07**
	(b)	What is group discussion? Explain different parameters to be evaluated during group discussion during recruitment process.	**07**
Q.5	**(a)**	Write a sample letter of recommendation	**07**
	(b)	What do you mean by parametric test? Explain parametric test for univariate data with suitable example	**07**
		OR	
Q.5	**(a)**	Describe different graphical tools along with their importance in report writing.	**07**
	(b)	Explain information based decision making process with an example.	**07**

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