Sea	t No.:	Enrolment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY M. E SEMESTER – I • EXAMINATION – WINTER • 2013	
Subject code: 710001N Date: 20-12-20			
	•	Name: Communication and Research Skills	AT TECHNOLOGICAL UNIVERSITY EMESTER – I • EXAMINATION – WINTER • 2013 IN Date: 20-12-2013 munication and Research Skills .00 pm Total Marks: 70 Total Marks:
		•	
Ins		tions: Attempt all questions.	
	2.	Make suitable assumptions wherever necessary. Figures to the right indicate full marks.	
Q.1	(a) (b)	What is communication? What are the hindrances in communication? What is research plan? What are the steps in preparation of research plan?	
Q.2	(a) (b)	What are the different types of non-verbal communications? Explain any two. What are the ways and means of conducting meeting successfully? OR	
	(b)	Explain the types of interview.	07
Q.3	(a) (b)	What are different reading skills? What is skimming and scanning? As a engineering entrepreneur you have decided to establish a manufacturing Unit in Bharuch. For this purpose, you have decided to avail yourself the liberalized loan facility under the self-employment scheme. Therefore, you wish to submit an unsolicited technical proposal for the manufacture of an item of your choice seeking loan from the Gujarat Industrial Development Corporation (GIDC), Bharuch. Now draft this proposal to be sent to the director, GIDC, Bharuch, inventing the necessary details	
Q.3	(a) (b)	Write a note on basic body language of business letters and memos. Do you feel that electronic means of communication is always advantageous over traditional means of communication? Explain your answer with examples.	
Q.4	(a) (b)	How research questions are framed? How is hypothesis build? Write a note on sampling method and procedures. OR	
Q.4	(a)	Elaborate on different ways of data analysis.	07

(b) If you are a recent engineering graduate in engineering and interested in research, apply for the post of Junior Research Associate in our R & D Division. You should have a engineering degree in CE/IT/IC/EC/EE. If selected you will get a research assistantship of Rs. 20,000. Apply to Manager Research, R&D Division, Wipro Industries, Bangaluru-560 012.

Q.5 Write note on any two:-

1. Formats of Technical proposal.

- 2. Importance of Group Discussion.
- 3. Regression analysis.
- 4. Importance of Literature review in research.

07

14