KADI SARVA VISHWAVIDYALAYA, GANDHINAGAR

M.E. Semester-I

RESEARCH METHODOLOGY & COMMUNICATION SKILLS

Date: 24/5/13	Total Marks: 70
Time: 10 30 40 130	

Instructions:

- All the questions are compulsory.
- 2. Figures to the right indicate full marks to the question.
- 3. Answer each question in separate answer sheet.
- 4. Indicate clearly the option attempted along with its respective question number.

SECTION - I

Q-1 (a) Define 'research' and differentiate between Conceptual Vs.				
Empirical research.				
(b) List any Five objectives of research.	05			
(c) Differentiate between research methods and research methodology.	05			
OR				
(c) Which are the basic postulates on which Scientific method is based?	05			
Q-2 (a) Describe various principles of Scientific Writing in detail.				
(b) Describe various types of sampling.	05			
OR				
(a) What is a Research Problem? What are the steps involved in	05			
formulating the problem?				
(b) Write a short-note on 'Development of Working Hypothesis.'	05			
Q-3 (a) Write a short-note on 'Observation Method' of Data Collection				
(b) Discuss various limitations of Interview Method.	05			
OR				
(a) Explain 'Simple regression analysis.'	05			
(b) How can Chi-square be used in Non-parametric test?	05			

SECTION-II

Q-4 (a) Write a detailed note on the Process of Communication.	05			
(b) Define 'barrier' and discuss any TWO types of barriers.	05			
(c) State the differences between Verbal and Non-Verbal Communication.	05			
OR				
(c) Limitations of Computer-based analysis.	05			
Q-5 (a) Write a letter of inquiry to the Manager, Jaico Books, Kolaba, Mumbai	05			
asking for a quotation of books required for your research.				
(b) As the Chairman of Shantiniketan Housing Society Limited, Vadodara,	05			
write a letter of complaint to the Health Department of the municipality				
regarding the dumping of garbage opposite the entrance of the society.				
OR				
(a) Write an application for the post of Assistant Professor of Mathematics	05			
along with a functional CV to The Chairman, Vidya Sankul, Anand.				
(b) As an owner of an on-line sales website for electronic gadgets, you	05			
have received a complaint from a customer regarding a defected mobile)			
handset. Draft a letter of adjustment.				
Q-6 (a) Discuss any TWO types of research writing.	05			
(b) Explain various steps in writing thesis.	05			
OR				
(a) Provide any Five guidelines for writing a good thesis.	05			
(b) Discuss the importance of 'Works Cited' in a research paper.	05			

KADI SARVA VISHWAVIDHYALAYA

Gandhinagar Managar ME -Semester-I

Subject: Research Methodology and Communication Skills

Instruction: (1) Answer each section in separate Answer sheet

Date:

Time: 03 hours

		(2) Use of Scientific calculators is permitted	
		Section-I of many pay another a section and the section and th	
Q.1	(A) 1	Multiple Choice Questions Mrs. Patel is writing his daily observations of a student and writes, without interpretation, that the student is not completing the class work and is constantly speaking out of turn. Which of the following objectives does he appear to be using? a. prediction b. description	05
	2	c. explanation d. exploration The development of a solid foundation of reliable knowledge typically is built from which	
	heni	type of research?	
		a. basic research b. action research b. action research b. action research	
	2	c. evaluation research d. orientational research	
	3	Which of these is not a method of data collection a. Questionnaires b. Interviews	
	4	c. Experiments d. Observations A condition or characteristic that can take on different values or categories is called	
	100	a. a constant b. a variable b.	
	5	c. a cause-and-effect relationship d. a descriptive relationship A variable that is presumed to cause a change in another variable is called a. categorical variable b. dependent variable c. independent variable d. intervening variable	
	(B)	Define the term 'Research', Give a comprehensive definition of research and explain its	05
	(C)	objectives. Describe the various steps involved in Research Process. Enumerate with suitable examples.	05
		OR	
	(C)	Explain the various types of Measurement and scaling techniques.	05
Q.2		Write short notes on the Two of the following	10
		1. Write the five barriers of Communication and explain them	
		2. Define the term Communication and explain the cycle of communication	
		3. Discuss the main elements of Non-verbal Communication	
		4. Explain the importance of Literature Review in Research Process.	
Q.3	(A)	Discuss the relevance and types of Variables in Scientific Research	05
	(B)	Describe various principles of scientific Writing in detail.	05
		On	

Max Marks: 70

Q.3	(A)	Differentiate between fundamental research and Applied research.	05
	(B)	Discuss the various types of Sampling(Data Collection)	05
Q.4	(A)	Section-II What is a Research Problem? What are the steps involved in formulating the problem?	05
	(B)	Explain the Format and Contents of a Research Report	05
	(C)	Define the Role of Computer in research	05
		(2) Use of Scientific calculators is permitted	
	(C)	Explain 4 Ps of Presentation. (Planning, preparation, practice, presentation)	05
Q.5	(A)	As a student, you want to purchase a Laptop for your personal use. Write a letter of inquiry	10
		asking prices, configuration, discount, mode of payment and terms and conditions to The	
		Wipro Technologies, Memnagar, Ahmedabad	
		OR official description AO	
	(A)	As the Purchase Manager ABC Computers, 119 Ashram Road, Ahmedabad-380007, you	10
M WIN		ordered 25 computers from Vision Computers Limited, Nariman Point Road, Mumbai-	-
		400002. When the consignment arrived, you found some of the computers were in damaged	
		condition. Write a letter of complaint asking for repair, replacement or compensation.	
Q.6	(A)	Prepare a Chronological Resume with a forwarding letter for the post of 'Junior Engineers, at	10
		Elicon Company advertised in the 'Times of India' dated Dec09, 2012. Send your application	
		to The Manager, Elicon Company, V.V. Nagar, Dist: ANAND	
		belles at alcher various in semile a of OR of benutzeria at the alcher various A	
	(A)	Write an application for the post of Assistant Professor for Mechanical Department, LDRP-	10
		ITR along with a functional CV	
		(#) Define the term 'Roscarch', Give a comprehensive definition of research objectives.	

-to Write the five barriers of Communication and explain them