Seat N	o.:	Enrolment No	Enrolment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY	Y	
C L : a	4	M.PHARM- SEM-II-EXAMINATION – JULY 2012	4/07/2012	
Subject code: 2920001 Subject Name: Research Methodology			Date: 04/07/2012	
			Total Marks: 80	
	uction		iai ks. oo	
		pt any five questions.		
		suitable assumptions wherever necessary.		
3.	Figure	es to the right indicate full marks.		
Q.1	(a)	What is research proposal? Describe the steps involved in	08	
	<i>(</i> 1.)	preparation of proposal for procurement of research grant.		
	(b)	Give various sources for procurement of research grant. Describe two government agencies which give research grant.	80	
		two government agencies which give research grant.		
Q.2	(a)	What do you mean by research? Explain objectives of research.	05 06	
	(b)	What is research problem? Describe the process for defining the research problem.	06	
	(c)	Explain importance of data analysis in research.	05	
Q.3	(2)	What is literature review? Give its objectives. Discuss the various	10	
Q.J	(a)	sources of literature review.	10	
	(b)	Describe types, characteristics and functions of hypothesis.	06	
Q.4	(a)	Discuss the key factors for a successful oral presentation.	08	
	(b)	What are visual aids? Why they are needed in presentation? How	08	
	` '	will you prepare your oral presentation using visual aids? Describe.		
Q.5	(a)	Give the differences between research paper writing and thesis	16	
	(α)	writing. Describe various sections of research paper writing.		
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Q. 6	(a) (b)	How can one analyze the cost requirements for a project? Describe. Write a note on: Industry-Institution interactions.	06 05	
	(c)	Describe feasibility report.	05	

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Discuss the characteristics of good questionnaire. What is documentation? Describe the various techniques of

Q.7

(a)

(b)

documentation.