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	(Pages : 2)	A - 6438
Reg. No.:	Kannammcola, Thiruvananth	Technology apuram
	ech. Degree Examinatio (2008 Scheme) SYSTEMS PROGRAMMIN	e, what mu comolege
Time: 3 Hours	PART – A	Max. Marks: 100
Answer all questions.		(10×4=40 Marks)
Explain the difference between	veen system software and app	
<ol> <li>What are delayed branche system?</li> <li>What are literals?</li> <li>How a program block is diff.</li> <li>What is the need for multip.</li> <li>What is dynamic linking?</li> <li>What are Bootstrap loader.</li> </ol>	s? How it helps instruction exferent from a control section ble passes in an assembler?  s?  yord and positional macro paraparasion with an example.  f a debugger.	ecution on a SPARC
	PART-B	(O. OO CO Marks)
Answer <b>one</b> question from <b>eac</b>	h Module.	(3×20=60 Marks)
	Module – I	
11. a) How system programm	ing is dependent on machine	
b) Explain VAX architectu	re.	10
	OR	
12. a) Explain Pentium pro arc	chitecture.	10

b) Write a sequence of instruction in SIC/XE to count blank spaces in a given

string.

10

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	Mariana necronal so Module - II	
13.	a) Write short notes on MASM assembler.	10
	b) What are control sections? How they are handled by assembler?	10
	Illustrate with an example.	10
	OR STATE OF THE PROPERTY OF TH	
14.	Explain the pass1 and pass2 algorithm of a linking loader. What are the various	3
	data structures used by this algorithm?	20
	in the first management in the Module – III	
15.	a) Write short notes on ANSI C macroprocessors.	10
	b) Briefly explain machine independent macroprocessor features.	10
	OR Indiana in the second secon	X 2
16.	a) What are macros? Explain macro definition and expansion with the help	
	of an example.	7
	b) What is the use of concatenating macro parameters? How this is achieved	
	in macro processors?	7
	c) Give an overview of editing process.	6