otal N	lo. of Questions: 10] Total No. of Printed P.	ages: 2					
						[5]	
	Roll No					Or	
CS-605				4.	(a)	Explain Addressing and Timing protocols.	10
					(b)	Describe Backplane Bus system.	10
n r	(State Samuel EVAMINATION Tune	2012				Unit-III	
B. E. (Sixth Semester) EXAMINATION, June, 2012				5.	(a)	Discuss different pipeline designs for processors.	10
	(Computer Science & Engg. Branch)				(b)	What is Branch handling? Also write its advantages.	10
	ADVANCE COMPUTER ARCHITECTURE					Or	
	(CS-605)			6.	(a)	Write Tomosulo's algorithm.	10
	Time: Three Hours				(b)	Draw superscalar pipeline design.	10
	Maximum Marks : 100					Unit-IV	
	Minimum Pass Marks: 35			7.	(a)	What is snoopy protocols ? Where is it used ?	10
Note:	Attempt one question from each Unit. All q	uestions			(b)	Discuss message routing schemes for multicompu	ter
	carry equal marks.					network.	10
	Unit-I					Or	
1 /	Explain different computer models briefly.	10 10		8.	(a)	Write vector processing principles.	10
1. (a					(b)	Define virtual channel. Explaîn what is its need.	10
(b		10.				Unit-V	
	(i) Multiprocessors			9.	(a)	Describe about shared-variable model.	10
	(ii) Multicomputers				(b)	Write name of software; tools and environments	
	(iii) Multivector					parallelism.	10
	Or					Or	
2. (a) Compare static interconnection networks and			10	. (a)	Draw message-passing model.	10
	interconnection networks.	10			(b)	Write languages name for parallel programming.	10
(b) Explain Hardware and Software parallelism.	10					
	Unit-II						
3. (a) Draw VLIW architecture.	10					
(b		10		CS-605 13,330			330
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