Total N	o. of Questions: 10 ]   Total No. of Printed Page	es : 2	www.rgpvor	nline.in	1.1	
Roll No					[2]	
	allocated Minns and a second control of the				Or	
CS-605			4	. (a)	Explain Addressing and Timing protocols.	10
				(b)	Describe Backplane Bus system.	10
B. E. (Sixth Semester) EXAMINATION, June, 2012					Unit-III	10
			5.	i. (a)	Discuss different pipeline designs for processors.	
	(Computer Science & Engg. Branch)			(b)	What is Branch handling? Also write its advantages	. 10
	ADVANCE COMPUTER ARCHITECTURE				Or	
	(CS-605)		(	5. (a)	Write Tomosulo's algorithm.	10
	Time: Three Hours			(b)	Draw superscalar pipeline design.	10
	Maximum Marks : 100				Unit-IV	
	Minimum Pass Marks: 35		. 0	7. (a)	What is snoopy protocols ? Where is it used ?	10
Note:	Attempt one question from each Unit. All ques	stions		(b)	Discuss message routing schemes for multicompunetwork.	iter 10
	Unit-I				Or	
			- 1	8. (a)	Write vector processing principles.	10
1. (a)	Explain different computer models briefly.	10		(b)	Define virtual channel, Explain what is its need.	10
(b)	Define the following:	10			Unit-V	
	(i) Multiprocessors			9. (a)	Describe about shared-variable model.	10
	(ii) Multicomputers			(b)	Write name of software; tools and environments	for
	(iii) Multivector				parallelism.	10
	Or				Or	
2. (a)	Compare static interconnection networks and dyn	namie		10. (a)	Draw message-passing model.	10
27/10/10/10	interconnection networks.	10		(b)	Write languages name for parallel programming.	10
(b		10				
10	Unit-II				www.rgpvonline.in	
3. (a	Draw VLIW architecture.	10				
(b		10	HE	CS-6	05	330
16		T O				CONT.