SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS, FEROZEPUR													
ROL pages:	L NO :	Ш		1	Щ	I				Total nu	mber	of	
Total	number	of q	uestio	ns: 06	5								
				B-	Tech.	CSE	/ 3 <sup>th</sup> 5	Sem				CRP	)
	C	omp	uter	Arc	hited	tur	e an	d O	rga	nizatio	on	( , , ,	
			X .	Pap	ect Co er ID:	1	1/18	-					
Time	allowed:	3 Hrs	<b>3</b> -	}	2011	Po	deh	9	₩º	ordo),	Max I	Marks:	60
Impo	rtant Insti												
• • å •	All quest			*	y		uh h	nje riv					
6" 5	a - 2		а 1.		Par	t-A (	2×10	)					
Q1)	Answer (a) Defi (b) What (c) Defi (d) What (e) Expl (f) Diffe (g) Desi (h) Exp (i) Diff (j) A C How 2048M	ne Vint is Ane I/Ont is no lain the cribe lain the computation of the	Asynchic Proceedings of the role ate Bernicro the use interesting the second control of the use interesting the use in the use interesting the use	e of C etween oper of Pi etween	ory? us Data ? mming ache M n RISC ations' pelining n Stati	a trar	ory? I CIS	C?	nam paci	nic RAM ity? a memo	? ory	capaci	ty of
Q2)	in Mult	iputer	System	systems?	lompu ms? E	ter C xplai	O 2 Ext	izatio rious t R plain	vari	nd Design ng and co ous Add ples?			(CO1)

Q3) Differentiate between Micro programmed and Hardwired Contro	l Unit?
	(CU)
What are Microinstructions? Explain the format of the control we illustrating the different fields?	
Q4) What is Priority Interrupt? Explain various modes of data manipulation operations used in CPU?	transfer and (CO3)
	(003)
What is memory management hardware? How Virtual memory is from cache memory? also discuss various Page replacement political memory?	s different cies used in (CO3)
Q5) What are the instruction formats available in CPU design? Illus	trate the
influence of number of addresses (zero, one, two & three) on co	date the
programs by writing the set of instructions for following express	sion:
X=(A-B)/(C-D) OR	(CO4)
Explain Instruction Cycle with the help of suitable diagram?	
Q6) What are various benefits of Parallel processing? Explain Flyni	
classification of Parallel computers?	
What is Inter process communication? Differentiate between A Processors and Vector Processors?	
i de la companya de Companya de la companya de la compa	(CO5)