	210	210	210	210	210	210	
					on No :	Regis	1
B.Tech	210 _	210	210	210	of Pages : 02	al Nur	Tota
EL5 102	<b>P</b>			ester Regular / B	5th Son	210	
				OPROCESSOR & BRANC Max Ma Time :			
<b>TWO</b> 210			oulsory, any Part-III.	-1) which is com from F	•	swer	An
		ndicate marks.	nd margin i	es in the right ha	The figu		
			rt- I	_			
(2 x 10)			•	pe Questions (An			Q1
010	040			status signal lines a		a)	
210	210			etween RET and R		<b>b</b> )	
		sing 9600 bps.	characters us	ASCII character "E" ake to transfer 1000	bit. Find the time	c)	
					ent of A after exec	d)	
				of accumulator are RAR instructions.	ime the contents ent after RRC and	e)	
210	210	210	210	errupt and polling.	nguish between ir	<b>f</b> ) <sup>0</sup>	
			?	of ALE pin in 8051	t is the significand	g)	
		or.	CISC processo	SC processor and 0	nguish between F	h)	
	sing mode 1,	to TH register us	be loaded in	which value should ∕IHz.	et a 20 µs delay e XTAL=11.0592	i)	
	B=output, port	A=out put, port B	when port A	word of 8255 PPI		j)	
210	210	210	210	input <sub>210</sub>	=input, port C <sub>uppe</sub>	210	
			rt- II	Pa			
(6 x 8)	t of Twelve)	ver Any Eight out	tions- (Answ	nswer Type Ques	Focused-Short		Q2
(6 x 8)	a) Explain the various steps of instruction decoding and execution in 8085.						
	G			sfer the bytes of Roce starting at 400H		b)	
210	210	MVI A <sup>2,1</sup> 54H	e instruction I	n for execution of th	v the timing diagra	<b>c</b> ) <sup>0</sup>	
	cy = 12 MHz.	ne crystal frequenc	20 ms. Assum	enerate delay of 22	e a subroutine to (	d)	
	in detail.	occurs? Explain i	croprocessor	from memory to m	does data transfe	e)	
			)85.	errupt process of 80	cribe all steps of in	f)	
	mputer and a	ice between a cor	nimum interfa	am to show the mi	he schematic diaç heral.	g)	
		reference to the	conflict with	y stack and bank1	t do vou <sub>∩</sub> meant	<b>h)</b> )	

