Registration No :									
Tota	l Nu	umber of Pages :	<b>02</b> 210	210	210	210 B.Te PCEL43			
210		MICR BR Answer Questior The figu	OPROCESSO ANCH : CSE, Tir Ma Q.0 n No.1 which is ures in the rig	EEE, ELECTR me : 3 Hours ix Marks : 70 CODE : C561 s compulsory ht hand margi	CONTROLLER ICAL, IT, ITE and any five fro n indicate marks				
Q1		A Answer the follow		s of a questio	n at a place	(2 x 1)			
QI	a)		• •						
	, b)	What are the mach	•						
210	, с)	Mention the differe	- 210	210	icroprocessors.	210			
	d)	What is meant by I	OMA operation?						
	e)	What are the funct	ions of the differ	ent flags in the 8	086?				
	f)	What is the different	nce between SU	B and CMP inst	ructions?				
	g)	What is the functio	n of DAA instruc	tion in the 8086	?				
210		What is the differ timers? <sup>210</sup>	210	210	ode 1 operations	of 8051 210			
	i) j)	List the interrupts p What is the functio			1?				
Q2	a)	With a neat sket its salient features.		e architecture c	of Intel 8085, brin	ging out (5)			
210	b)	With a help of a fu microcontroller Inte	210	agram, explain t	he features availal	ble in the $(5)$			
Q3	a)	'8086 employs a pi	•			(5)			
	b)	Discuss the segme	ent memory conc	cept used in 808	6.	(5)			
<b>Q4</b> 210	a)	Write an assembly at RAM address 60		for 8051 to clear	16 RAM locations	s starting (5)			
	b)	Draw the Interfacing diagrams of three numbers of 8K×8 size RAM memory chips with 8086.							
	a)	Explain the maximum mode of 8086 with the timing diagrams of memory read (5) cycles, memory write cycle and discuss about multiprocessor configurations.							
Q5			ne cycle and dis		iprocessor conligu				

210	210	210	210	210	210	210	210
210	Q6 a) 210 Q7	Write a program to external RAM addres Write a subroutine to 12MHz in 8051. Write an assembly numbers in 8051.	s 300H in 805 o generate del 210	1. lay of 20ms. Assu	me crystal frec	quency is (	5) 5) 210
210	Q8 210 b) c) d)	Write short answer 8086 Interrupts Memory mapped I/O Intel 8279 architectur Timers in 8051	and I/O mappe	210	210	<b>(5</b> 210	<b>x 2)</b> 210
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