				(3 Hours			[Total Mar	ks: 80]
N.B. :	(1)	Question N	No. 1 is con	npulsory.				
	(2) Solve any three questions from the remaining five							
	(3) Figures to the right indicate full marks							
	(4) Assume suitable data if necessary and mention the same in answer sheet.							
		io Strong						
Q.1	a) Diffe	erentiate As	sembler an	d Compiler	: B	200	F. F.	[5]
	b) Explain flag register of 8086.							[5]
	c) Writ	e Control w	ord registe	r of 8255.				[5]
	AH = 02		character to	be displayed			INT 21H function the program. How	[5]
Q.2	a) Draw and explain interfacing of DAC 0808 with 8086 microprocessor using 8255. Write assembly program to generate square wave.							[10]
	b) Expl	lain various	interrupts	of 8086 wit	h the help	of interrup	ot vector table.	[10]
Q.3	a) Drav	v and Expla	in interfaci	ng of Math	co-process	sor with 8	086.	[10]
		w and disc simum mod		d and writ	e cycle tin	ning diag	rams of 8086 in	[10]
Q.4		e a program umbers. As				mber from	the array	[10]
		cribe the imes of DMA			A controlle	r. Explain	the data transfer	[10]
Q.5	a) Expl	ain followi DP 2) LE	ng instructi A 3) MO		5 INT 21H	5) XCH	G	[10]
	b) Drav	w and expla	iin 8086 ba	sed Data A	equisition S	System.		[10]
Q.6		at are the o Explain th	.)	ē/	es associa	ted Micro	processor based	[10]
S.F.	b) Desii. 8086ii. 16K	gn 8086 ba CPU work B EPROM IB SRAM t	sed system ing at 8MH suing 8KB	with follow z device	ving specifi	ication		[10]

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