83 1st Half-Exam -11 mina-(c)

(b) Write a note on PIC 18 Reset.

## T.E. ETRX VT (Rev) Microcontroller II

Con. 3423-11.

## (REVISED COURSE)

RK-2604

10

				(3 Hours)	[ Total Marks :	100
	N.			is compulsory. questions out of remaining.		
1.	(a)	following	describe the cong types of interrue0, type1, type2	分表(CONTON ) 10.000 (CONTON )	86 to perform each of the	5
	(b)		e the use of CAS	SO, CAS2 and CAS2 lines in a	a system with a cascaded	5
		For P18 How ma	explain the con	cept of pipelining instruction available as stack in PIC 18 ter?		5
2.		<ul> <li>a) Write a program to produces a packed BCD type from 2 ASCII-encoded</li> <li>b) Write all addressing modes of 8086 with one example each and also sta types of instructions.</li> </ul>				
3.		<ul> <li>a) Draw and explain interfacing of 8259 with 8086.</li> <li>b) Describe how the control bus signals are produced for an 8086 system ope in maximum mode.</li> </ul>				10 10
4.		<ul> <li>a) Draw and explain interfacing of 8087 with 8086.</li> <li>b) Define the term macro, what is advantage of writing a macro over a subrounce Explain with example.</li> </ul>				10 10
5.	(a)			model, what is the difference the size of program counter		10
	(b)	Specify	the number of in	structions in a PIC 18 and bit	size of most instructions.	10
6.	(a)	18F mic	rocontroller and	node seven segment LEDs to write instructions to design an of 100 ms and display the cou	up-counter counting from	10