) Figures to the right indicate full marks.	
1.	(a) (b) (c) (d)	Explain MOVLW and COMF instructions in PIC 18 F.	5 5 5
2.	(a) (b)		10 10
3.	(a) (b)	purpose of processor stack?	10
4.	(a) (b)	Draw and explain 8086 system operating in maximum mode. Write a program to perform 32 bit x 32 bit multiplication.	10 10
5.	(a) (b)	Explain different addressing modes of PIC 18 F. Draw timing diagrams for minimum mode of 8086— (i) Read Bus Cycle (ii) Write Bus Cycle.	10 10
6.	(a) (b)	delay of 100μs (Frequency is 40 MHz).	10
7.	Writ	te short notes on :- (a) PIC 18 Reset (b) Comparative study of salient features of 8086 and Pentium (c) DMA Controller modes (d) Mixed Language programming.	5 5 5 5