## Sem-IV ETRX (CBGS) Microprocessor & peripherals

8/12/16.

Q.P. Code: 548002

		(3 Hours)	[Total Marks: 80
N.B	(2)	Question No.1 is compulsory  Attempt any three questions out of remaining five que  Assume any suitable data wherever required and justify	
Q1.	Attemp	t the following.	20
	a) b) c) d)	What is multiprocessor system? Give advantages Explain memory R/W cycle of any processor.	
Q2	a) De	scribe architecture of 8086.	10
(Constitution)		plain 8237-DMAC and its interfacing.	10
Q3		plain various addressing modes of 8086 with example at is 8255-PPI? Draw interfacing of 8255 with 8085	
Q4		rite an 8086 assembly language program for ordering scending) a sequence of 5 numbers.	g (ascending or
	b) Wi	nat is need of bus arbitration? Explain 8289.	10
Q5	memory	te 64 K bytes of program memory (ROM) and 12 H y (RAM), 8bit 1/0 ports with 8086. Draw detailed on y map, 1/0 map. (Assume 8K capacity devices)	
Q6	Write sl		20