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**Maximum Marks : 50**

- 1) Attempt Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data, if necessary.
- 5) Use of logarithmic tables, slide rule and electronic non programmable calculator is allowed.

- P.T.O.

OR			
Q6	a	Explain PROM with diagram	06
	b	List Various Programmable logic Devices with their characteristic	07
Q7	a	List & explain Mode of Timer/ Counter for 8051	05
	b	Write short note on 8051 feature	04
	c	Mention any four addressing modes of 8051?	04
OR			
Q8	a	Draw and explain Program Status Word	05
	b	Compare Microcontroller & Microprocessor	04
	c	Explain the Instruction for arithmetic's with examples	04