Paper / Subject Code: 38975 / Microprocessor

May 28, 2024 02:30 pm - 05:30 pm 1T01874 - S.E.(Computer Science & Engineering (Artificial Intelligence and Machine Learning)(R-2019-20)('C' Scheme) Semester - IV / 38975 - Microprocessor QP CODE: 10055640

	Duration: 3hrs	A STORY	801	Max Marks:80	7
Q.1	2. 32 KB ROM	oprocessor-based of vorking at 10MHz M using 8 KB Dev M using 4KB chips	minimum mode ices		10
	(b) Draw and explain 8086 Processor in 1		d Read operation	n Timing diagram of	10
Q.2	(a) Explain the Initiali words(OCWs) of the		vords (ICWs) ar	nd Operational command	10
	(b) Explain the interrubetween Hardware			IVT) and differentiate	Ž.
Q.3	(a) Comparison 80386	,Pentium 1 ,Penti	um 2 and Pentit	um 3 Processor	10
155		our own String) an	d Explain the fo	Character in a Given bllowing instructions:	10
Q.4	(a) Draw and explain l	Pentium 4: Net bur	est microarchited	cture.	K.
A STORY	(b) Explain MESI Prot	tocol		TEBBO SBOTO	10
Q.5	(a) Draw and explain a	architecture of 808	6.	450	10
ROT	(b) Differentiate betwee 80386 Processor .E			Protected Mode of of Pentium Processor	10
Q.6	(a) Explain Modes of initialization.	8255 with a neat b	lock diagram. S	how the CWR	[10]
	(b) Write an ALP for 8	3086 to transfer the	eblock of data.	r	

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