EE2016 F19 Tty16

pll	em #1
T ()0 V	
1(a)	
- /	Time Caken for T = TREQ + NITINS TRES peripheral (I/D) 33 = 10×6TJR+6NITclk+3TClk operation (CONTON) = 10×6TJR+6NITclk+3TClk
	perinformal (T/) 632 REQ / 131 INS' RES
	The a king = 10x67dk+6 NiTclk+3 clk
	= (63+6N ₁)T _{Clk} new.
	Total the required for y = 99×6Tc/k + T33 whole program = 99×6 Tc/k + 10×6 Tc/k + N,×6 Tc/k + 3Tc/k sees
	Whole program)
	= 19x6 c k + 10x6 c k + 10/20 c k + 10/20 c k
7	= (99x6+60+3+6N,) Tc/k hous
i	CIR
	Total # of)
	Clk yeles (= (594+63+6N)
	(Tc/k) reguld = (657+6N) Clock remode
	(Carriero) Cooper peoples
	(Tdk) reguld) = (657+6N) Clock periods
10	Care B:
101	
	# instructions NTINS
	executed concurrently =XN.
	NI I I I I I I I I I I I I I I I I I I
(they 33rd instruction \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	enecution I
	Hence total
	FNet 7 = 32 × 6 Tole + T + (1 K)T
	the Tred = 32 × 6 Tclk + T ₃₃ + (6 - KN)TINS
	Note: Kpoll in # of polly cycles & at each cycle, CPU encounter N2 instructions
	racio aprilamentes No instructions
	John Charles The Charles



