

Register Number					
Number	Register				
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Code: 15EC42T

IV Semester Diploma Examination, April/May-2017

MICRO CONTROLLERS AND APPLICATIONS

Time : 3 Hours N				Iax. Marks : 100		
Note	· ·	Answer any six questions from Part Answer any seven full questions from				
		PART – A	4	5×6	= 30	
1.	List the	features of 8051 micro controller.		·	5	
2.		It the mistake in the following instruct Γ Label (iv) MoV R_3 , R_4 (v) MUL A,		MOV R1, #45	TA CONSOLE! 50 Esploma - [All Branc Beta Console Education Service	hes]
3.		n ALP to transfer a block of data, within internal RAM.	from one memory loca	ation to anoth	er 5 Diploma Question Papers [2 19]	1015-
4.	Explain	the 8051C data types.			Beta Console Education	
5.	Compare	e the interrupt method and polling me	thod of servicing device	S.	5	
6.	List the	steps involved in serial data transmiss	ion.		5	
7.	Explain	the operation of timer 0 in mode 1 wi	th diagram.		5	
8.	Sketch t	he schematic for interfacing DC moto	r to 8051.		5	
9.	Write the	e schematic for interfacing ADC0804	to 8051.	Turn e	5 over	

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generate a triangular waveform.