Q.29	Write five important Biome microcontroller?	edical application of		of Printed Pages : 4	123252	
Q.30	Q.30 Explain software tools used in Embedded system development?		5th Sem. / Medical Electronics Subject : Microcontrollers and embedded system			
Q.31	1 Write a note on logical instruction set of 8051?		Time	M.M.: 100		
Q.32	2.32 Write a note on type of interrupts used in 8051?			SECTION-	A	
SECTION-D Note:Long answer type questions. Attempt any three questions out of four questions. 3x10=30			Note: Objective type questions. All questions are compulsory (10x1=10)			
			Q.1	8051 series has how many	y 16 bit registers?	
			Q.2	2 PSW stands for.		
Q.33 Draw PIN diagram of 8051 microcontroller and describe each pin in detail?			Q.3	If we push data onto stack then the stack pointer?		
Q.34 Explain all the applications of microcontroller?			Q.4	Q.4 How many bytes of addressable memory is present in 8051 based microcontroller?		
Q.35	5 Define embedded system, explain applications		Q.5	CISC stands for	_?	
Q.36	of embedded system? Write note on following:		Q.6	How many number of inpumicrocontroller?	ut output ports in 8051	
	a) Instruction set b)	Addressing modes	Q.7	Q.7 IS RAM is used for storing data storage?		
			Q.8	Which pin provides reset of	option in 8051?	
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Q.9	Q.9 How many interrupt are there in microcontroller?			Q.19 Which technology is preferred over HMOS for		
Q.10 LCALL instruction takes bytes.			designing the device of MCS-51 family?			
				Q.20 What do you mean by interfacing?		
	SECTION-B		Q.21	1 List important registers used in 8051?		
Note: Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20			Q.22 Define Stack pointer?			
Q.11	Write name of interrupts of Microcontro	ller?		SECTION-C		
Q.12	SFRs stands for?		Note: Short answer type questions. Attempt a			
Q.13	Auxillary carry is set during which condi	tion?	questions out of ten questions. 8x5		8x5=40	
Q.14	What is the order decided by process CPU of microcontroller to execute an ins		Q.23	B Define Immeditate, Register, direct, indi Indexed Addressing mode of 8051?	rect and	
Q.15	Give the name of buses present in a controller and transmission of data from one place to another?		Q.24 Define 8051 Assembler directives?			
			Q.25 Lists 8051 Simulators?			
Q.16	6 Define Microcontroller?		Q.26	Q.26 How to interface LCD with microcontroller?		
Q.17	Q.17 Define Embedded system?			Q.27 Explain interfacing of DAC (digital to analog converter)?		
Q.18	What is the file extension that is loamicrocontroller for executing any instru		Q.28	B Explain PIC microcontroller in detail?		
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