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	UNIT - III	18	
3 a.	Explain different conditional jump instruction with an example and write the syntax	. 9	
b.	Explain the following instruction with their target address range and syntax:		
	i) ACALL, ii) LCALL iii) SJMP	9	
c.	Explain the following instruction with an example	9	
	i) INC ii) DCR iii) DAA iv) ADDC	9	
	UNIT - IV	18	
4 a.	What are different timers and explain the significance of TMOD register.	9	
b.	Explain the operation of timer with mode1 programming.	9	
c.	Explain the operation of timer with mode 2 programming.	9	
	UNIT - V	18	
5 a.	Explain different interrupts in 8051 with their vector table.	9	
b.	Explain what are the steps to be followed in executing the interrupts, and r	pts, and mention 9	
	interrupts priority list and how it is enable?		
с.	What is serial communication? How is this achieved with 8051 using Rs-232 Standa	ard? 9	

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