

c. Describe briefly the logical operators in AVR.

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	UNIT - IV	18
4 a.	i) Elucidate lucidly packed BCD to ASCII conversion.	3
	ii) Assume that R20 has packed BCD. Write a program to convert packed BCD to two	
	ASCII numbers and place them in R21 and R22	6
b.	Explain the different types of addressing modes of AVR.	9
с.	What is Macro? How macro is defined in AVR microcontroller? Explain	9
	with example.	
	UNIT - V	18
5 a.	Mention and elaborate the C data types for the AVRC with an example.	9
b.	Write a 'C' program that finds number of zero's in an 8-bit data and number of one's	0
	in an 8-bit data.	9
c.	Why do we use the code space for video game characters and shapes? What are the	9
	advantages of using code space for data?	

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