Name 2- Muzamil
Rollno 0P20-0108
Assignment Doi- 03
CoursedDLD

Question #1 Complete the table

Decimal	BCD	Hexa	octa	
98	01100010	6>-	142	
152	10011000	98	230	
1467	10110111611 10110111611	5BB	3673	
43981	1010101111001101	ABCD	135712	

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Question #2 "Multiply in 2's Complement form" (b) 219 by 15. > 218= 11011011 × 06 661 111 × 06 661 111 1 1 6 1 6 1 1 1 X X X 1 1 6 1 1 6 1 1 X X X 1 1 6 1 1 6 1 1 X X X 15= 1111

[110011010101] Answer.

Muzamil Pao-0108. Muzamil Question# 2 P20-0108 (a) 01161010 by 11110001 Som taking sis Complement of 1111000] which is equal to 00001111 01101010 -01101010 -01101010X 01101010X 1101010X 11000110110 06111001010 Answer Pao-0108

Divide in 2's Complement form. @ 10001000 by 00100010 . 00100010 => 2's complement of this is Now, 10001000 6000 + 11011110 0001 101100110 t 11011110 0010 x0166000 +11011110 x'00160010 +1.1011110 0100 X 0 0000000 0100 -> Answer Muzamil P20-0108.

Muzamel | Question # 3 P30-0108 | Part(6) -145=10010001 5 = 00000 10 1 7 3's complement = 11111011 16010601 owhents ood + \$1111011 + 1-1111011 0001 +1 0010 +1 0011 0000 11 0101 40001 DISCORD =1 01 11061 0110 11 111 01 +1 0111 Discard e1 01 101 00 + 1 1000

Muzamill P20-0108. 10100 111101 /> Answer

Perform tollowing (ABC)16 + (1A3)16 (b) Soin. .: A= 1010 B 5 1011 C = 1100 £ 101010111100 + 0001 10 100011 1100010111113 5 => (C5F) => (C5F)16 Answer

> Muzanui L P20.0108

Sp. 15+ => 177 Rough
-66 -A G 14 B Ans. => (4 B) => Answer E) (110)10 - (84)10 > (?) = 110 = 64+32+8+4+2 110 5 1 1 0 1 1 10 845 64+16+4 84 = 1010100 = -84 = 0 101100 => 1161110 +0101100 20011010 -> Answer.