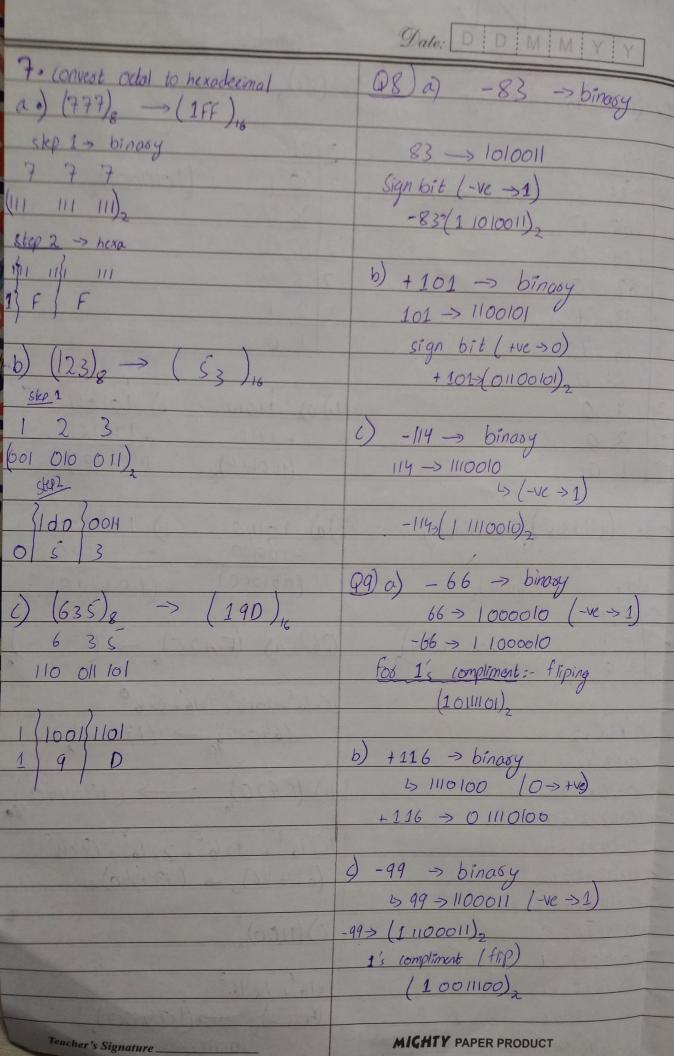
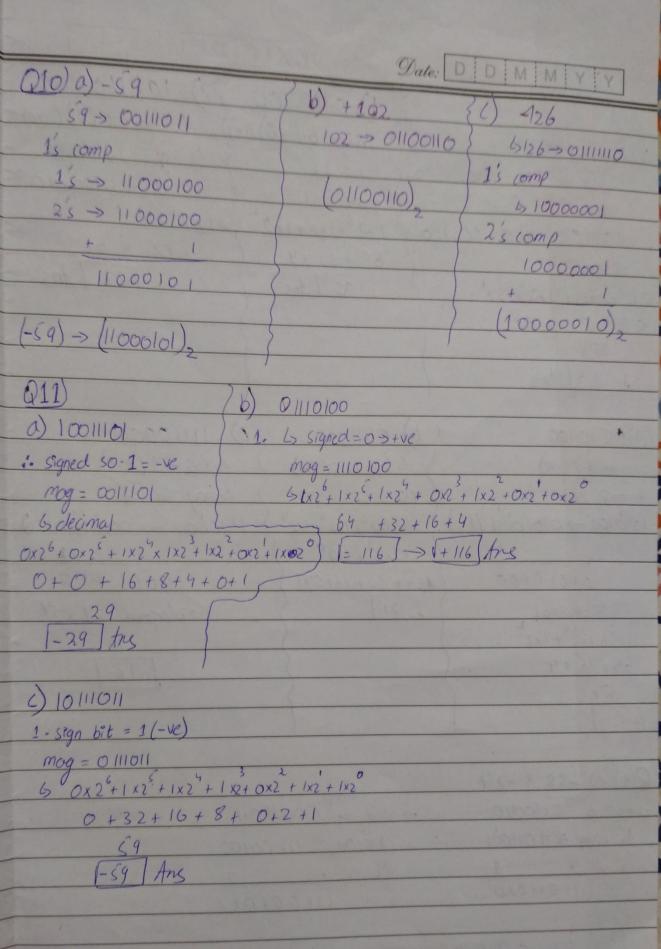
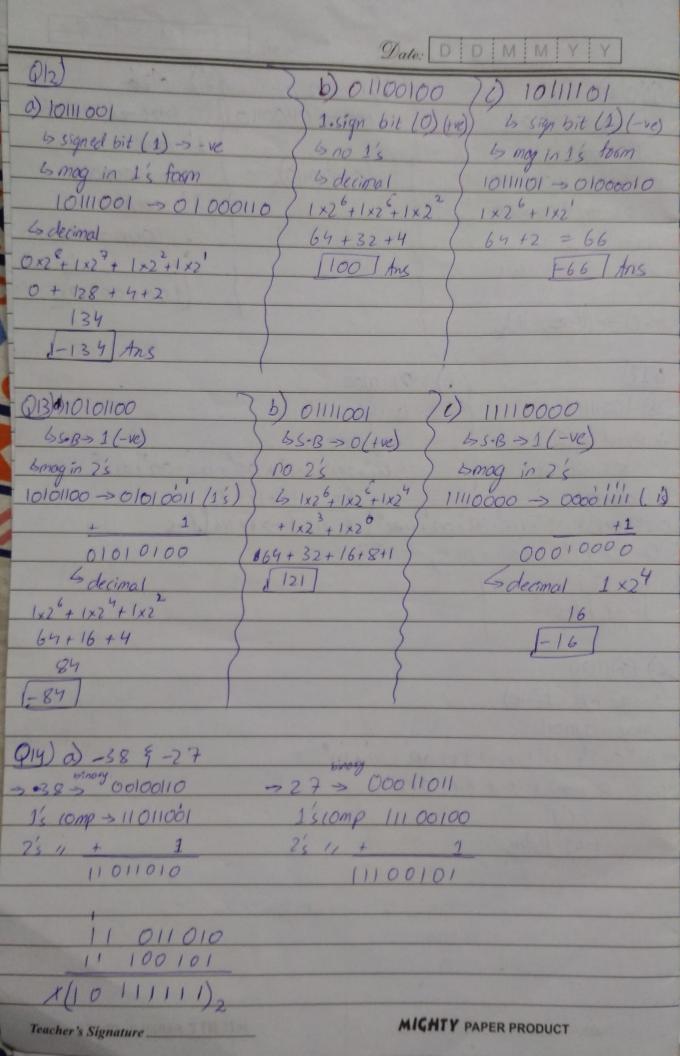
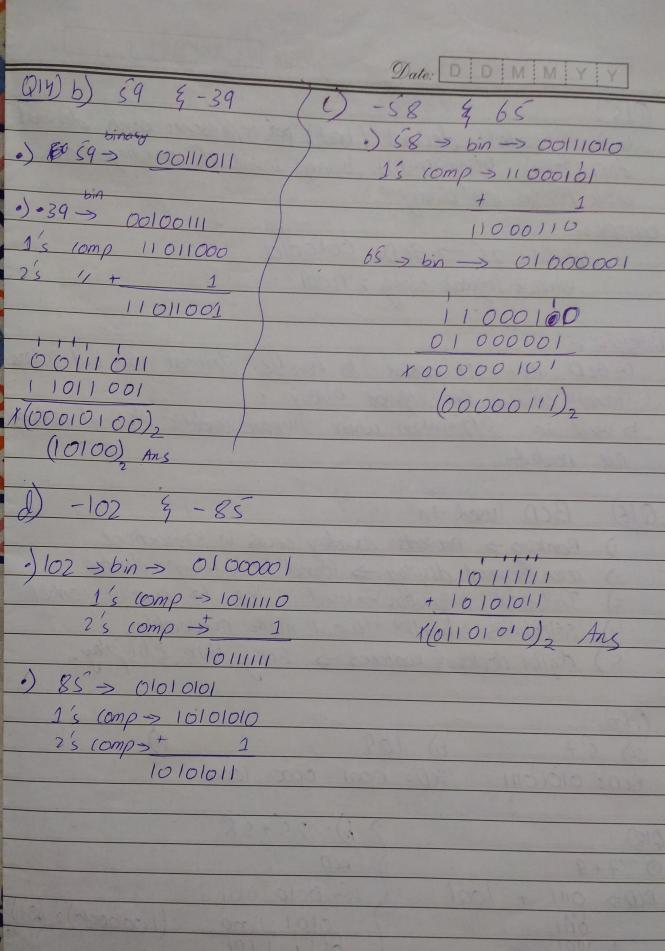
Name: Obaid ULLAH ROLLNO: 24 K -0793 1. (1073)10 -> binasy 1073 (1010001)2 1401 536 (1000110001)2 200 268 134 100 67 0 6) 101011 4.) a) 11010 +110101 + 11100 (110110) (s) a) 101110 -100100 (27-315) -> binasy (100110) 1001010) 27=(1011)2 06) a) (FA25), -> ((11011-01010000101) 15x 163 + 10x167 2x16 + 5x16 (64037) -> (175045) 0-1315 x2 = 0 0.63 x2 = 1 b) (f920), -> (17440) 0-26 x2 = 0 16x163+ 9x162+2x16+0x6 (63776), > (174440)& 0-52x2 = 1 0-64x2 = 0 0.08 x2 = 0 0.16 x2 = 0 c) (1100)16 0-32 x2 = 0 0-64 x2 =1 $(4362)_{10} \rightarrow (10400)$ 0-28x2 =0 0-56x2 =2









Date: D.D.M.M.Y.Y.	
P15)	
5 Binasy coded decimal (bcd) pos sepresents each decimal	
digit (0-9) ving 4-bit binary insted of converting the	
entice number into binary	
example:-	The state of the s
· decimal 25 -> BCD:	
whose segulas binasy	: 11001
2 %	
Vifference:-	
	to handle decimal no- but is less
menory efficient then regulor binory.	
is used in application where human readable Occimal voluce	
or needed	
Q16) BCD vsed in	
1) Bonking > prevents overling errors in transcretione 2) seven segment display -> found in fuel pump, elevators	
3) Industrial automation - used in ples to numeric control	
4) calculators > handles decimal moth occurately	
5) digital clocks & wateres -> Easy tone display.	
Q17	
a) 57 b) 10	9
BCD: 01010111 BCD: 0001 0000 1000	
Q18)	7 6) 25+58
a) 7+9) BCD
B(D=> 0111 + 1001	25, 6010 6101
+ (00)	0101 1000 (100000lo) = (83)
00010000	6110
BC0::000 1000 2 (16)	10000010
	MIGHTY PAPER PRODUCT
Teacher's Signature	MINIT PAPER PRODUCT

