HASSAN ALI ZOP-0149

	Day: MTWTFSS		Date:
	Question NO	1	
	,		
Decima	Signed Magnitude	1s Compliment	25 Complimant
	1 Form		
= = = = = = = = = = = = = = = = = = = =	0111	0000	0001
6	0110	0001	0010
. 5	0101	0010	0011
4	. 0100	0011	0100
3	0011	0100	0101
2	0010	0101	0110
. 1	0001	0110	0111
0	0 000	0000	0000
-0	1000	1111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1	1001	1110	2001
-2	1010	1101	1110
- 3	1011	1100	1101
- 4	1100	1011	1100
-5	1101	1010	1011
- 6	1110	1001	1010
- 7	- 1111	1000	1001
- 8	NAN	NAN	1 000
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<i>l</i> s.	
D:	y: MTWTFSS Date:/
	Question 2
	Ledes CION Z
_	Convent 110111101.1011 binary
	multiplication method.
	sol:
-	
	28 22 29 23 22 20 2-1 2-3 2-4
	110111101.1011
	254 +128 +32 +16 +8+4+1 . + 0.5+0.0125 +0.0625
	445.6875
	Question 3 3
_	
	Convert 86235.876 decimal number.
-	method
-	1110011801
_	86226 46526 400
	86325 = 65536 +20699
	65536 + 16384 + 4315
	65536 + 16384 + 4096 + 219
	65536 + 16384 + 4096 + 128 -191
	65536 + 16384 + 4096 + 128 + 64 + 27
	65536 + 16384 + 4096 + 128+64 + 16+ 11
	65536 + 16384 + 4096 + 128 + 64 + 8 + 2 + 1
	D3330 718381 1 10 13 1 128 13 14 37 241
	1.1.016.4.2.11011.011
	10101000011011011
1	

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	Day: MTWTFSS	Date:
Language Language	0.876 x2 => 1	
Server of Server	1,752 x2 => 1	a pagazina a ma
The same of the sa	1.008 x2 =>0	- Cxy3033
Samuel Lange	0.016 x2 => 0	10, 50 harries
- harden brong	0.032 x 2 => 0	A CONTRACTOR OF THE PARTY OF
Carlos Janes	0.064 ×2 => 0	1 1 2
	0.128 x 2 => 0	
- company	0.256x2 => 0	
- Parker Joseph	0-512 x2 => 1	
	1.024x2 => D	
	0.048×2 => 0	
	0.096,2 => 0	
	0.192 x2 => 0	The state of the s
- Company	0.384x2 =>0	
2	0.786.2 =>1	10.00 2000
-ceryman	1.536 x2 ⇒ 1	
total production of the state o	1.072 x2 =>0	
-tarked	0.144.2 => 0	
- Color of the second	0.288 x 2 => 0	
	0.576.2 =>0	
	1.152 x2 =>0	
record the second	It will repeat.	A Control of the Control
COLO.		
eries Neer		
rener		1 42/20
Contract Con		10000

pay: MTWTFSS Date:	_
Question 4	
	V 1
convert the decimal number -412:39	3625
number-	3020
Trutti de la constanta de la c	
-412.390625	
Change to bingry first	
7 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
412 = 236 + 156	*
256 + 128 + 28	-
256+128+16+12	
256+128+16+8+4	
1100 11100	
11100	
NUMBER OF THE PROPERTY OF THE	
Now:-	74
0.390625 x2 =>0	
5 OC 36 5 1	
1.56250 ×2 => 1 1.1250 ×2 => 0	
0.250 ×2 => 0	
	W WF-L
	1,
1.0	
11100 011001	
[1100 11100 .011001]	
Now:	1
127 +8=145 = 128+17	
= 128 + 16+1	
=> 10010001	

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Da	ay: MTWTFSS	_/_/20
	S exponent mantissa	\rightarrow
	3 CAPOTAL A	\rightarrow
	1 10010001 100111000 110010000	ODAGO
-	1 (00,000) (00,000)	00000
		_
1	Question 5	$\overline{}$
-	Que, Cion J	
	Determine the binary	_
	number	110
4		
4	51101011001101001011011	7 321
	110 110 110 11000 10 1100 1110 10110	7 111
4	જી!	21
+ 234 2		214
+211+	10	20
7 4 4	2" + 2" + 2" + 2" + 2" + 2" + 2" +	L
	=> 2147483648+1073741824+	
1	268 435456 + 134 219928 +	-
	33554432 + 16777 216+	
7-	4194304 + 2097152+131072	
	32768+16384+2048+1024+	
	512 + 128 + 32 + 16 + 42 +	
1	312 +120 + 32 + 10 + 94 24	
	3680685751	
	3000003 431	01:
7 / ·		
7		
4		-+
-0-1		
15		

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