B0829060黄至祥

#1. Upper input is 1

lower input is p.

0 - >0-

b. 1 D'D

C. JDIDD

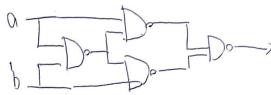
Ans (0,0,1)

#2, (0)

0 - Do - Do-

Ans:

(9)



Ans:

#1. 0. 8x22P+10x1P+d

$$= 2048 + (69 = 221)$$
 = 3531

·b

C. Ex256+ Fx/6:+3 d. Ax256+ 0x/6+1

e. Cx256+9x16+16

#19. A=65 =601000001

Ans; computer science!

#26. Ans.

a. 0x A= 10 b. 0x14=16 + 4=20

d. 0x28=32+8=40 e. 0x32=48+2=50

9.0x46=64+6=70 h.0x65=96+5=101

j. 9x1zF= 256+3z+15 k.0x 194=256+16x9+4

= 256 + 144+4 = 303

= 404

a. 110=06/10/110 b. 99=06/1100011 c.72=06/1001000 #27. Ans.

d. 81= 06'1010001 e. 36= 06'100100

0x1E=16+14=30

f.0x3(=48+12=60

1.0x CA = 192 + 10 = 202

Q. Ox IF9 = 256+15x16+9

= 256+240+9

= 505

#29.

a. -12+16=0p,0000100 p;0+16=0p,00010000 C. 10+16=0p,00011010

d. -8+16=06'00001000. e. 9+16=06'00011001

#30.

b.101010 = 32+8+2 C110110 = 32+16+6 0,010,01=16+4+1 =(42)10 = (54)10 =(21)10

d. 011011=16+8+3 e. 111001=32+16+8+1

= 32+24+1 -(27)10

= 56+1=(51)10

BO829060黄至洋 #32, Ans, 0.00101+01000 b. 11111 +00001 (.01111+00001 = 01/01 = (13)10 =09000=(0)10 =10000=(16)10 " Overflow!" f. 001/1+01/00 2. | | | | | + | | | | d. 10/11+11010 = 100112 (19)10 = 11110 = (30)10 "overflow! = 10001 = (1))10 #33 Ans" $0.(5+1)_{10}=(6)_{10}$ $0.(5-1)_{10}=(4)_{10}$ $0.(12-5)_{10}=(7)_{10}$ = ob'oollo = ob'ooloo = ob'oollid.(8-7)10=(1)10 $e.(12+5)_{10} = (17)_{10} + (5-11)_{10} = -6$ = 0 b 0 000 1 = 0b'10001 = 0b'111010

000110 #35.0.534=5.75 b. 15 15/6=15.9375 =0b101.11 = 0<math>b111.1111=111010

C.5 3/8 = 5.375 d.1.1/4=1.25 e.65/8=6.625 = 110.101 =06101.011 = 061.01

#30.

$$0.-1/2 = -7.5$$
 $(7.5)_{0} = (1.11.1)_{2} = (1.11)_{2} \times 2^{2}$
 $(-7.5)_{5} = 1011110 + 10.5 = (0.1)_{2} = 1 \times 2^{-1}$
 $(0.5)_{10} = 00100000$
 $(0.5)_{10} = 00100000$
 $(3.75)_{0} = (11.11)_{2} = (1.111)_{2} \times 2^{1}$

$$\frac{1}{32} = \frac{0.21805}{0.001100} = \frac{1.11 \times 2^{-3}}{0.001100}$$

$$e.31/32 = 0.96875 = (0.11111)_2 = 1.11111 \times 2^{-1}$$

 $3/32 = 0.010 1111$