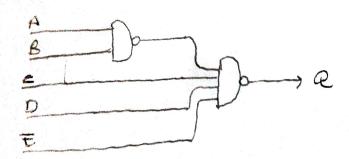
(CRN : 15445) BLG 231 - Final Sinaur 040180542 NOIL MEMIS Sory 1 Hull a) (BSF) 16 -> = (1011 0101 1111) = (101101011111)2 18=11 F=15) $\rightarrow = (15 \times 16^{\circ}) + (5 \times 16^{1}) + (11 \times 16^{2})$ = (15 + 80 + 2816) = (2911) 16 6) 1001001 (1001001) x (101) = (101101101) 1001001 1001001 = (222) = (101101101) c) (1000(00)2 (1010100)2 2'ge tinterent 0101011 (0101100) 1110000 - 00011111 2'32 + 1 co-plenost 0010000 -- (0010000)2 905100 negalifyplecoh sinha "- Folhans elde will you d) (10110) 10 _ (1111100)10 10-8899010 = 1.100,990 10-1111100-1 = -1100990= 8888900 e)(011/0011.00100101) BCD = (73.25)10 $(73,25)_{10} = (1001001.01)_2$ 0.25 x 2 = 0 + 0.50

05/02/2021

$$\frac{50^{13}}{4 \cdot 20^{2}} = (\overline{(A \cdot B)} \cdot C \cdot D \cdot \overline{E})$$



San 3

b)
$$Q = ((\overline{A}.\overline{E}) + (C+D+\overline{E}))$$
 Veyo dest ile

$$= (\overline{A}.\overline{E}) + C+O+\overline{E}$$

A

B

C

D

Sometian

Q(A,B,C) = $\overline{A}\overline{B}C + \overline{A}RC + \overline{A}B\overline{C} + \overline{A}RC$

Aintermeter ile;

Q = $\overline{A}C + \overline{A}B$

Ve so gil ile

($\overline{A}C + \overline{A}B$) = (($\overline{A}C$) · ($\overline{A}B$)

A

Nox term ile;

Veyo Jezil ile \Rightarrow (($\overline{A}C$) + ($\overline{A}B$)

A

B

C

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Doğrulind	LE	610	su!			unununu
Clock	5	IR	102+	ia,	1 Q=	
本上	0	0	Q	a		1
52	0	1	0	1	Q=	
11	1	0	1	0		
1-1	1	1	X	×		

* S=1, R=1 dunumu kullonilmore.

Sony 6

Doğruluk Toblosy

cick	2	K	2+	1 a+		THUMINITAL
TL	0	0	0	Q	1	
九	0	1	0	1	0=	
1	1	0	1	0		
1	1	1	Q.	12] Q = !	