Group-1				
S2	02 ,2	F	XX	Z
0	0 0	A+1	A) 0	1
0	0 910	A-B	A B	1
0	10	AtB	A B	0
0	11-10	AFI	/A 111P	0
1	00	AonB	A+B O	X
1	0 1	A.B	A+B B	X
r	1 0	ADB	A B	×
1	11 1	A	AA IIII	X
$\Rightarrow A - B = A + \overline{B} + 1$ $A - 1 = A + 1111$				
A+2 =			-1 = 0001 1110 +1	

$$X_{1} = A_{1}$$

$$Y_{1} = \overline{S_{1}}S_{0}\overline{B} + S_{1}\overline{S}_{0}B + S_{1}S_{0}$$

$$= \overline{S_{1}}S_{0}\overline{B} + S_{1}\overline{S}_{0}B + S_{1}S_{0}(B+\overline{B})$$

$$= \overline{S_{1}}S_{0}\overline{B} + S_{1}\overline{S}_{0}B + S_{1}S_{0}B + S_{1}S_{0}B$$

$$= \overline{S_{1}}S_{0}\overline{B} + S_{1}S_{0}B + S_{1}S_{0}B + S_{1}S_{0}B + S_{1}S_{0}B$$

$$= \overline{S_{1}}S_{0}\overline{B} + S_{1}S_{0}B + S_{1}S_{0}B + S_{1}S_{0}B + S_{1}S_{0}B$$

$$= \overline{S_{1}}S_{0}\overline{B} + S_{1}B$$

$$= \overline{S_{1}}S_{1}\overline{S}_{0} + S_{0}B$$

$$= \overline{S_{2}}S_{1}\overline{S}_{0} + \overline{S_{2}}S_{1}S_{0}$$

$$= \overline{S_{2}}S_{1}\overline{S}_{0} + S_{0}B$$

$$= \overline{S_{2}}S_{1}\overline{S}_{0} + S_{0}B$$

$$= \overline{S_{2}}S_{1}\overline{S}_{0} + S_{0}B$$

logical XAY OF = XAY = B.B XOY = XOB = A.B X = (A+4) Tallicox X = (A+u) &B 2 (A+W).3+(A+W).3 = AB+KB+ A.K.B = AB+KB+AKB if, K= I - 1A - 1X 50, AB+BB+ABB (- $X \oplus Y = AB$   $S_{\infty}, X = (A+h)$ 

Xi = Ai + B Szs, Si + E 825, So 2A1+505 2 Ai + S2 Si (BSo + BSo) 2 A; + S, S, (50 B) 125781 50 + 18 25 81 + 10

