

3)

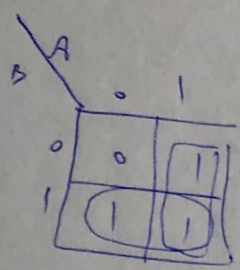
1) FA

class max 8 to 7

$A + B =$

A	B	F
0	0	0
1	0	1
0	1	1
1	1	1

HA



A	B	C _{in}	C _{out}	S
0	0	0	0	0
0	0	1	0	1
0	1	0	0	1
0	1	1	1	0
1	0	0	0	1
1	0	1	1	0
1	1	0	1	0
1	1	1	1	1

FA

$C_{i+1} = AB + Ae + BC$
 $S = A \oplus B \oplus C_0$

$F = A \oplus B$

