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Answer to question NO:1.

$$F(W, X, Y, Z) = \sum m(0, 2, 5, 7, 8, 9, 10, 12, 13, 15)$$

WX \ YZ	00	01	11	10
00	0	0	0	1
01	0	1	1	0
11	1	1	1	0
10	1	1	0	1

$$F = \underbrace{ZX}_{\text{group 1 (brown)}} + \underbrace{WY'}_{\text{group 2 (purple)}} + \underbrace{Z'X'}_{\text{group 3 (black)}}$$

Answer to question NO:2.

$$F(A, B, C) = \sum m(1, 4, 5, 6, 7)$$

Complete

Decimal	A	B	C	F	F'
0	0	0	0	0	1
1	0	0	1	1	0
2	0	1	0	0	1
3	0	1	1	0	1
4	1	0	0	1	0
5	1	0	1	1	0
6	1	1	0	1	0
7	1	1	1	1	0

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		BC			
		00	01	11	10
A	0	0	1	0	1
	1	1	0	0	0

$$F = B'C' + A'C'$$