(C) -   \( \alpha \) \( \bar{\pi} \) \( \	0000000000	noment C D 0 0 1 1 0 0 1 0 1 1 0 1	1 2 3 4 5 6 7	W 00000000	00011	70000	3		
7 8 9 10 11 12 3 14 15	10 10 10 10 11 11 11	0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	9 10 11 12 13 14 15 15	,	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 1 1	0-0-0-0		
9	W = Sur = A'B	CD A	B'C'D'AAE	5'C'D	+ )				

Sum of Min terms & Product of W = SUM(7,8,9,10,11,12,13,14) = M7+M6+M9+M10+M11+M12+M13+M14 W = A'BCD + AB'C'D'+ AB'C'D + AB'CD' + AB'CD +ABCO + ABCO + ABCO' W = Product (0,1,2,3,4,5,6,15) = MO + M1 \* M2\*M3\* M4 \* M5 \* M6 \* M15 = ABCD \* W = (A+B+C+D) \* (A+B+C+D') \* (A+B+C'+D) \* CA+B+C'+D') \* (A+B'+C+O) \* (A+B'+C+O')\* CA+B'+C'+D) \* CA'+B'+C'+D') (1) = AB'C'D' +AB'C'D +AB'CD Marnaugh Map + A6'CD' 110 00 01 11 00  $\bigcirc$  D = AB' 11 AB (b) ABC'D' + AB'C'D' + 10 101 ABCD' + AB'CD' =AD1