Date
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Q.1) The K-map for a boolean f^n is shown in figure. The no. of essential prime implicants for this f^n is —

CD \ AB	00	01	11	10
00	1	1	0	1
01	0	0	0	1
11	1	0	0	0
10	1	0	0	1

Ans:- (a) 4,

Q.2) An 'n' variable K-map can have 2^n cell/squares

Q.3) Each of the product term in the standard SOP for. is called a minterm.

Q.4) Each of the sum term in the standard POS form is called a maxterm.

Q.5) A 4-square is called 2-variable K-Map.

Q.6) An 8-square is called 3-variable K-Map.

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