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(5)LET L=(P+0'+R)(P+0'+R') R=0'+PR'+RP'

FALSE

2.6 (1)False (2)True (3)False (6)False
(7)False (4)True (5)False X+Y, AB'C' μ. () ը. (9 ש a conjunction disjunction

FALSE

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2.7 2.8 (1)(A+B'+C)(A'+B)(B'+C') (2)AB'C+A'BC'+A'B' (1)Normal SDP (2)Neither one of (3)Neither one of (4)Canonical POS (5)Canonical SOP (6)Neither one of (7)Neither one of (i)-(iv) (i)-(iv) (i)-(iv) (i)-(iv)

2.9 (1)F'(A,B)=(A'+B)(A+A'B)=(T4(a))=\frac{A'A}{P5(b)} +\frac{AB}{T3(a)} +A'B =(A'+B)(A+B) $\frac{18 + A^{3}8}{T3(a)}$ P4(b) ᄪ 

(3)(X+Y'+Z(X+Y'))(X'+Y') (4)(A+B+C'D')(A'+B'+C')(C+D'+AC') (5)(A+B')(C+D'+A'B')=1

(2)F'(A,B,C)=(A+B'+C'A)(AB(B'+C'))(ABC) =(A+B'+C'A)(ABB'+ABC')(ABC) P5(b) =(A+B'+C'A)(ABC')(ABC) P.5

O	(5)				4
=P+0'+RR' =P + 0' RIGHT=0' + PR'+RP'	(P+0'+R)(P+0'+R')=0'+PR'+RP' LEFT =P+(0'+R)(0'+R')	FALSE = X'Y'Z + X'YZ' + X'YZ	$X_{X,X} = X_{X,X} + X_{X$	ZXX + Z,XX+ ZX,X + ZX,X + Z,X,X= Z,XX+Z,XX+,X,X+Z,X,X=	LEFT =X'Z( <u>Y+Y'</u> )+X'Y( <u>Z+Z'</u> )+XZ( <u>Y+Y'</u> )
P4(a) P5(b)	P4(a)	T1(a)	P5(a) P4(b)	P4(b) T1(a)	P5(a)

(4)LET L=X'Z+X'Y+XZ

R=X"YZ"+X"YZ+X"Z

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