Name: Mahmudul Hasan ID: 19/2/4/042

From the given information 4 variables one found.

They one :

1) Study table, T

(i) Couch, C

(iii) suelf, s

(iv) Desk chain, D

Based on the conditions output "F" will when these combinations will be

TC, TS, TD "1"

Truth table input = 2" = 16

Trul	h t	able	to	a	Combi	national	cincult:
input neference	e C	D	S	T	F	min tenm	Max term
0	0	0	0	0	0		C+D + S + T
1	0	O	O	1	0		C+D+5++1
2	0	0	l	0	0		C+D+S'+T
3	0	0	1	1	1	C'D'ST	
4	0	1	0	0	0		C+D'+S+T
5	0	1	0	l	1	C'DS'T	
6	0	1	1	0	0		C+D'+5'+T
7	0	l	1	l	0		C+D'+S'+T'
8	1	0	0	0	0		C'+D+S+T
9	1	0	0	l	1	CD's'T	
10	1	0	1	0	0		C'+D+5'+T
11	1	0	1	1	0		c1+D+s'+T'
12	1	1	0	Ó	0		C'+D'+S+T
13	1	1	0	1	0		C' + D' + S + T*
14	1	1	1	0	0		C'+ D'+ S'+T
1.5	1	1	1	1	0		C'+ D'+ S'+ T/

circuits of the fourth table.

form 7, 8, 10, 11, 12, 13, (2+D+s'+T) (2+D'+s'+T') (2+D'+s'+T) (2+D'+s'+T') (2'+D+s'+T') (2'+D+s'+T) (2'+D+s'+T') (2'+D'+s+T) (2'+D+s'+T') (2'+D'+s+T)	Citera		*
Form F= $Z(3,5,9)$ F= $Z(1)$ ST + $Z(1)$ S'T + $Z(1)$ S'T Proposition F= $Z(1)$ S'T C+D+S+T C+D+S+T C+D+S+T C+D+S+T C'+D+S+T C'			Function
form 7, 8, 10, 11, 12, 13, (2+D+s'+T) (2+D'+s'+T') (2+D'+s'+T) (2+D'+s'+T') (2'+D+s'+T') (2'+D+s'+T) (2'+D+s'+T') (2'+D'+s+T) (2'+D+s'+T') (2'+D'+s+T)			F = C'D'ST + C'DS'T $+ CD'S'T$
		7, 8, 10, 11, 12, 13,	F = (C+D+S+T)(C+D+S+T) $(C+D+S'+T)(C+D'+S+T)$ $(C+D'+S'+T)(C+D'+S'+T')$ $(C'+D+S+T)(C'+D+S'+T)$ $(C'+D+S'+T')(C'+D'+S+T)$ $(C'+D+S'+T')(C'+D'+S+T)$ $(C'+D'+S+T')(C'+D'+S+T)$ $(C'+D'+S+T')(C'+D'+S+T)$