$$L_4$$

Laboratory IV

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1 Details of Lab 4

Q. 1 Here follows the Karnaugh map of f.

$$f(a, b, c, d) = (a' + b)'c + d(b' + ac)$$

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

Which shows that f can be represented as the sum of minterms as follows:

$$f(a, b, c, d) = b'd + acd + ab'c$$