

the min terms are decimal values for the minterms  $f(h) = f(h) + a(h, m) \cdot (2^c)$ ;  $c = c - 1$ ; :

ABC

0. 1. 0.

0. 0. 0.

1. 1. 1.

0. 1. 1.

1. 0. 0.

The following data lines are to be given ' ' 1 ' ' and remaining should be given ' ' 0

0.

For a 4-1 mux, we should give  $D_0 = C''$ ,  $D_1 = ''1''$ ,  $D_2 = C'$  and  $D_3 = C$  with A and B as data selector inputs