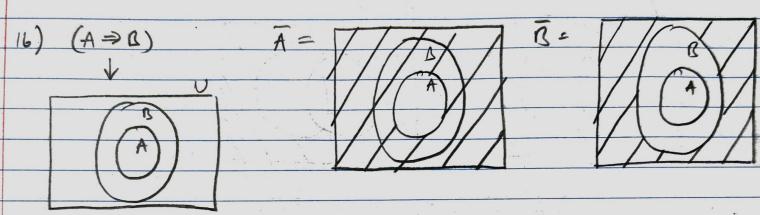
15)
$$L(A+B) = (CA+CB)$$

 $= CA+CB$
 $= CA+CB$
 $= C(A+B)$; $(A+B) = AB$
 $\Rightarrow C(AB)$
 $\therefore C(A+B) = C(AB)$
 $\downarrow C(A+B) = C(AB)$



For every True value of A

Bis True

But for every false value of A

Dis not necessarily True

Similarly, for every True value of B

To in true

But for every false value of B

To in not necessarily take.

$$(A \Leftrightarrow B) \equiv (B \Rightarrow A)$$

