



(ii) Truth table

S	s <sup>+</sup>				P
	UL=00	UL=01	UL=10	UL=11	
0	0	0	1	1	0
1	0	1	0	1	1

S	UL			
	00	01	11	10
0	0	0	1	1
1	0	1	1	0

$P = S$  (since we have 2 states, KMAP not needed)

(iii)  $s^+ = sL + s'u$   
 $P = S$

