

Vout = A.B -otop 90 IP and diode His Connected to low Voltage (a) is forward biasses and Nost = 0 The output is High only it the inputs to the tour diodes are High and boots both diodes are reverse biased I in this Case no Corrent flows in R and outpout = SU CHish). 7) When Vin = O CLOW Transiston Cutt-org and Voot = Vcc (High) (switch ofp) When vin >, 0.7 v (High) transiston in saturation and Vout = 0 (Low) (switch is on) 8) IF input is low, transistors is off then output is high and vice versa Output is the complement cinversel of the input







