CMOS INVERTER

Vgs	PMOS	NMOS
0 or Negative voltage	ON	OFF -> V45 = 0 & -ve
5V	OFF	ON VGS = +ve
45	n65 N H	

7.9.1 CMOS Inverter

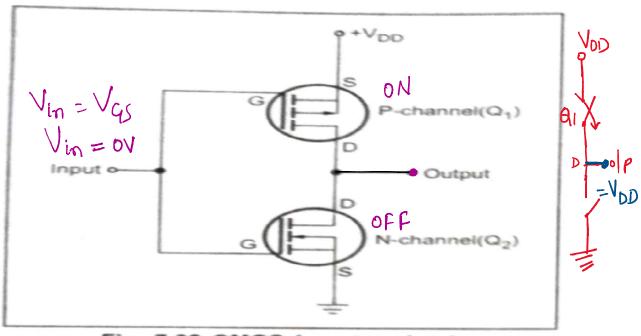
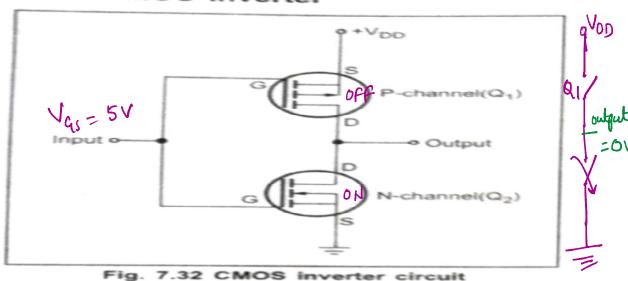


Fig. 7.32 CMOS inverter circuit

7.9.1 CMOS Inverter



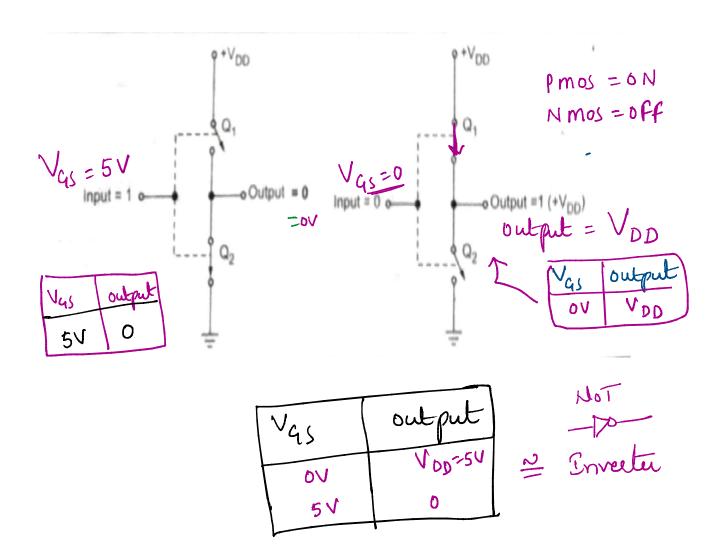


Table 7.13 summarizes the operation of CMOS inverter circuit

A	Q ₁	Q_2	Output
0	ON	OFF	1
1	OFF	ON	0

Table 7.13 Truth table of inverter