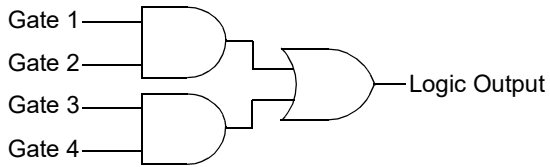
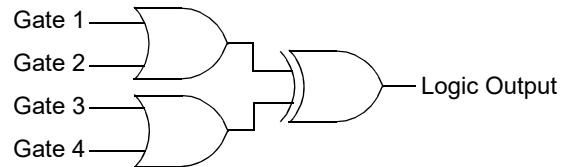
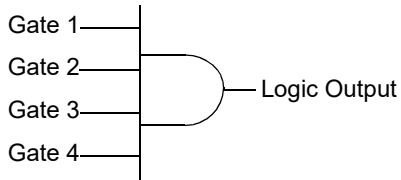


AND – OR

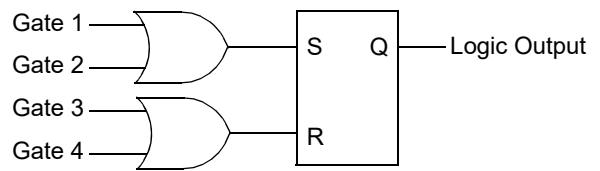
MODE<2:0> = 000

OR – XOR

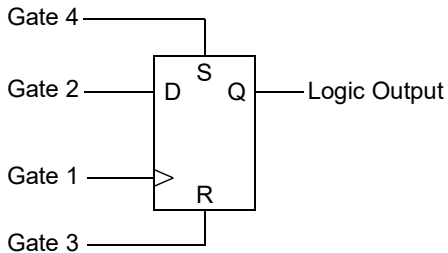
MODE<2:0> = 001

4-Input AND

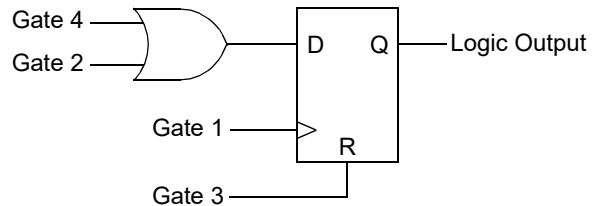
MODE<2:0> = 010

S-R Latch

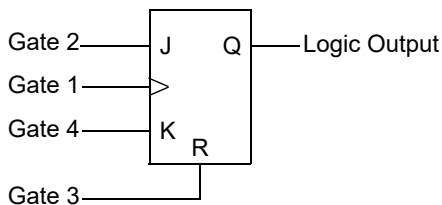
MODE<2:0> = 011

1-Input D Flip-Flop with S and R

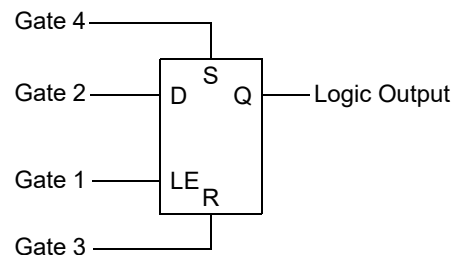
MODE<2:0> = 100

2-Input D Flip-Flop with R

MODE<2:0> = 101

J-K Flip-Flop with R

MODE<2:0> = 110

1-Input Transparent Latch with S and R

MODE<2:0> = 111