

6. Combinational OR - AND

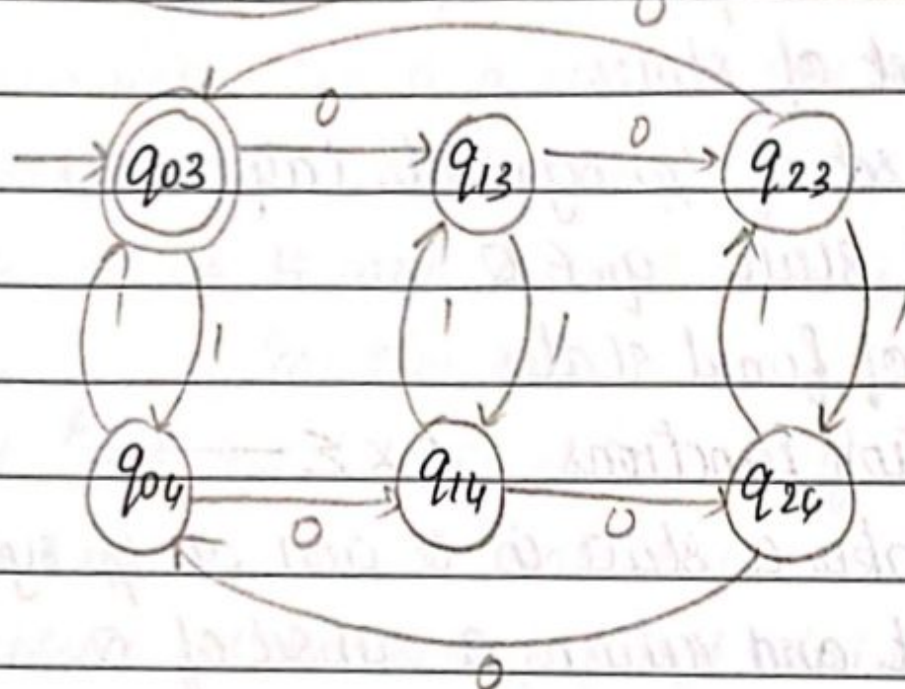
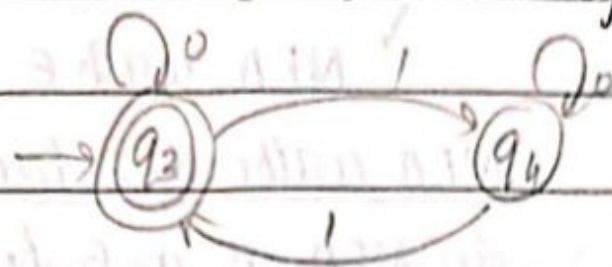
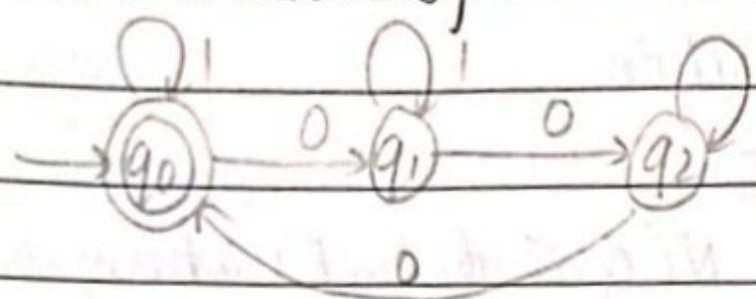
15

DFA for $n(0)$ divisible by 3 and $n(1)$ divisible by 2

Draw DFA separately

$n(0)$'s divisible by 3

$n(1)$ divisible by 2



AND

If it's OR Final state will be q_{03} , q_{13} , q_{23} , q_{04} .

0, 3 or both included

- Odd no: of 0's OR even no: of 1's

