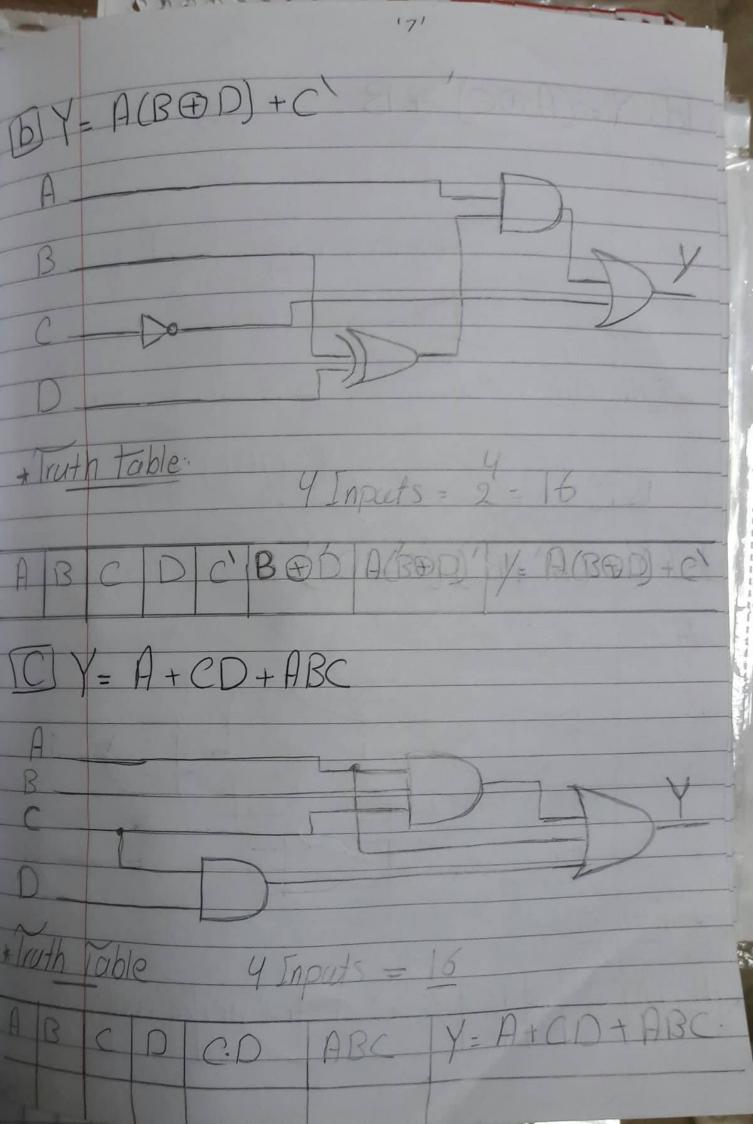
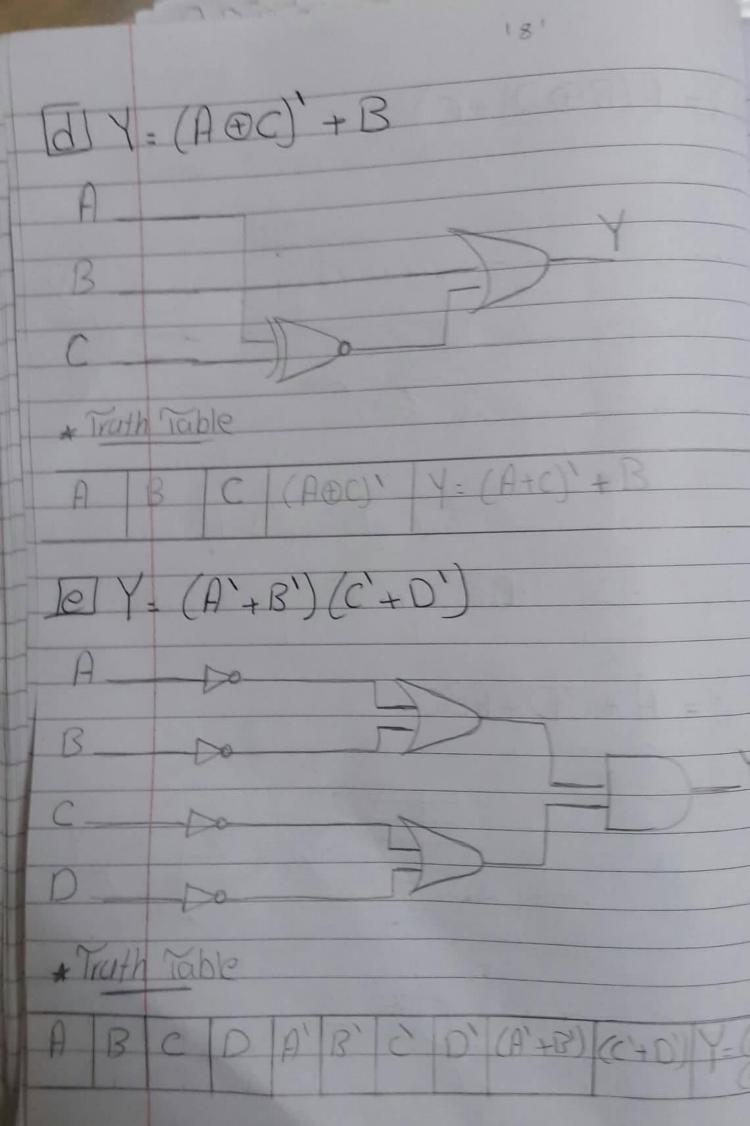
Ech 2 Boolean Algebra & Logic Gates. [13] Draw Logic Diagram to implement The Following Boolean Expression: (A+C') Truth Table C' (A+C') B'(A+C')

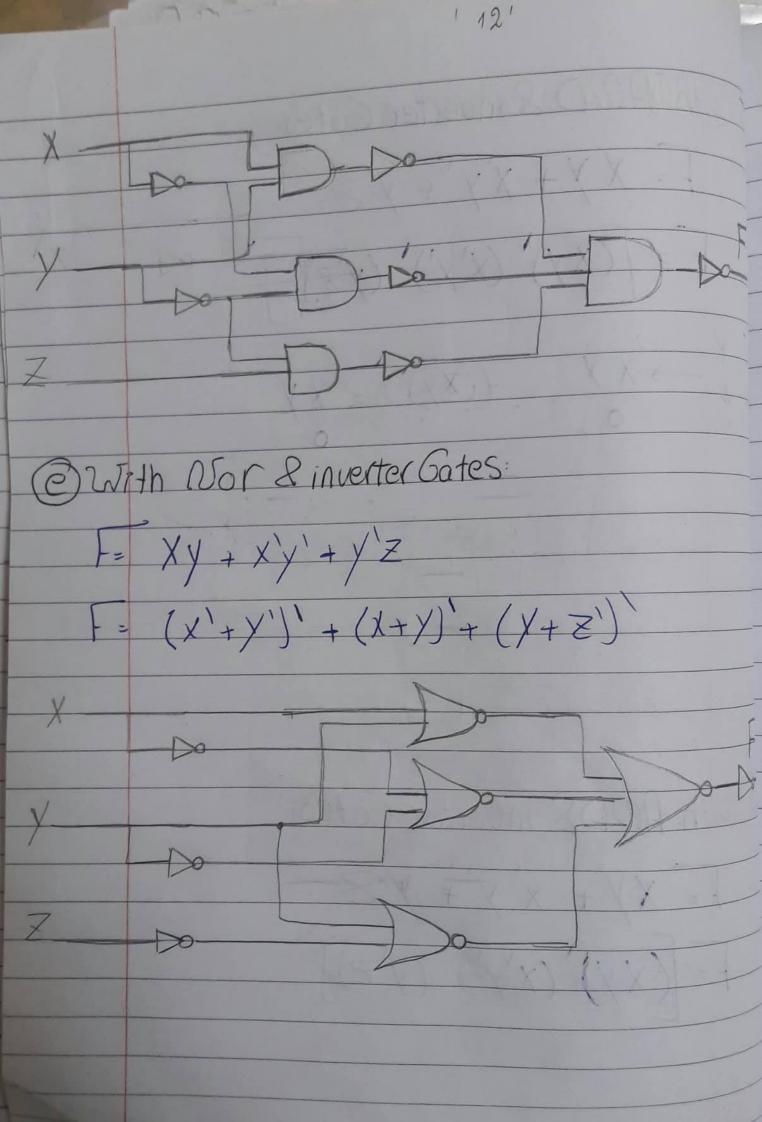


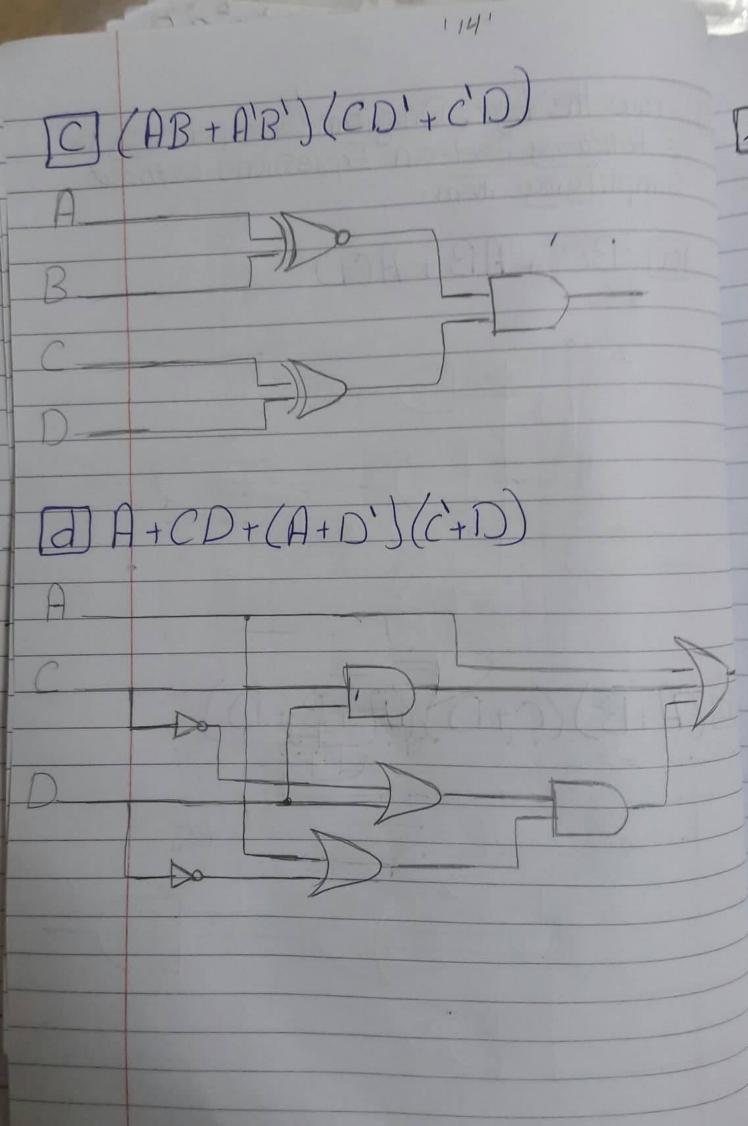
V=[(A+B')(C'+D)] * Truth Table DB'C'(A+B')(C+D) Y=(A+B')(C+D) 14 Implement The Boolean Function -= Xy+xy+ yZ a) With AND, OR & inventer Gates



NAND & inverter Gates.

Dwith ANDS inverter Gates.





27 Write The Boolean Expression (Equation)

28 Draw The logic Diagram of The Circuit

29 Whose outputs are Defined by The Following

Truth Table.

| F | F ₂ | a | b | C |
|-----|----------------|-----|---|---|
| 000 | 0 0 0 | 0 0 | 6 | 0 |
| | 0 (1) | | 0 | 0 |

Fi = abc' + abc + abc' + abc

F2 = a'bc' + abc + abc + abc + abc + abc