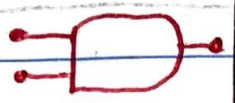
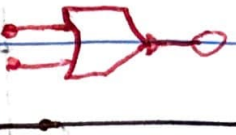
# Practical 5

## Part A

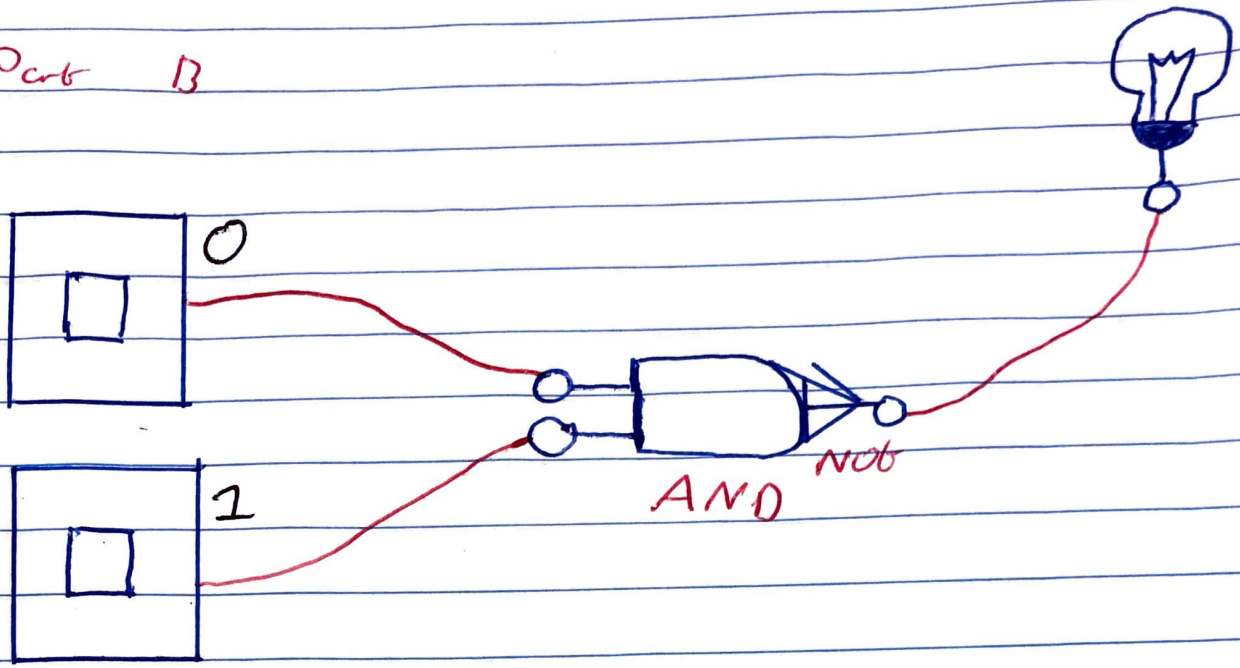
1.

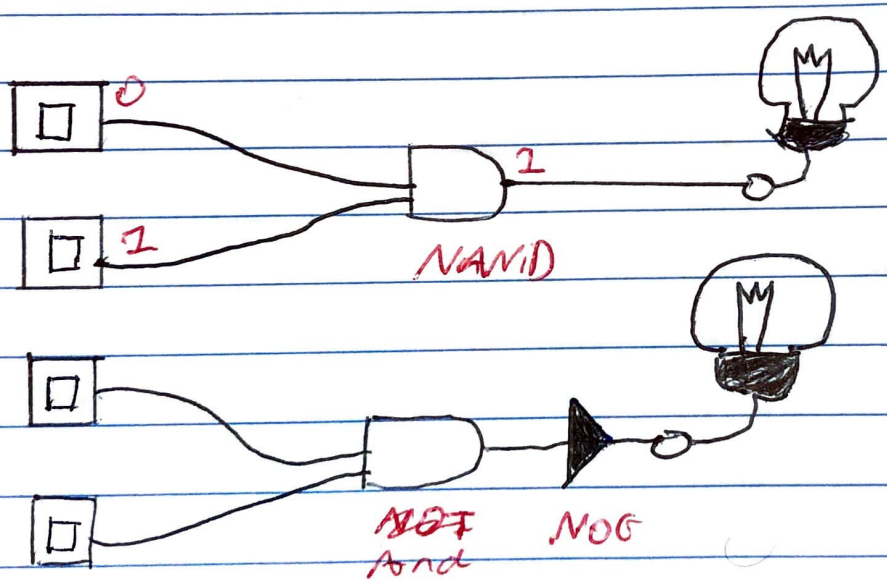
| Inputs | | Output(S) Truth Table | | | | |
|---|---|---|---|---|---|---|
| A | B | AND | OR | XOR | NAND | NOR |
| 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 0 | 1 | 0 | 1 | 1 | 1 | 0 |
| 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 1 | 0 | 0 | |
| | | | | | | |
| | | | | | | |
| Gate Symbol | |  | | | |  |
| Functional Notation | | $\wedge$ | $\vee$ | $\oplus$ | $\uparrow$ | $\downarrow$ |

Practical 5

Part B

1.




b