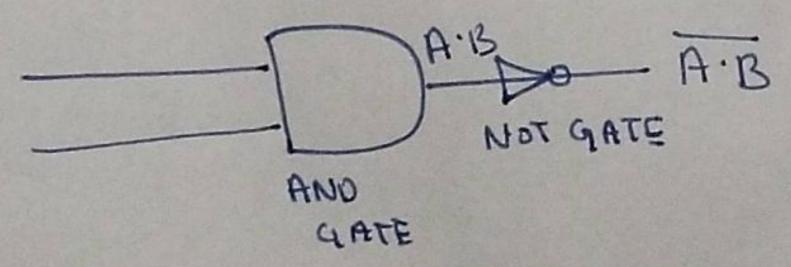
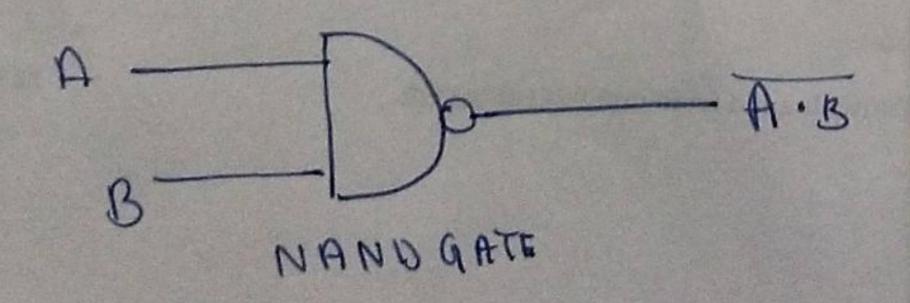
Name-Pragati Thapa Course - McA 1st'D' Student ID - 21712262

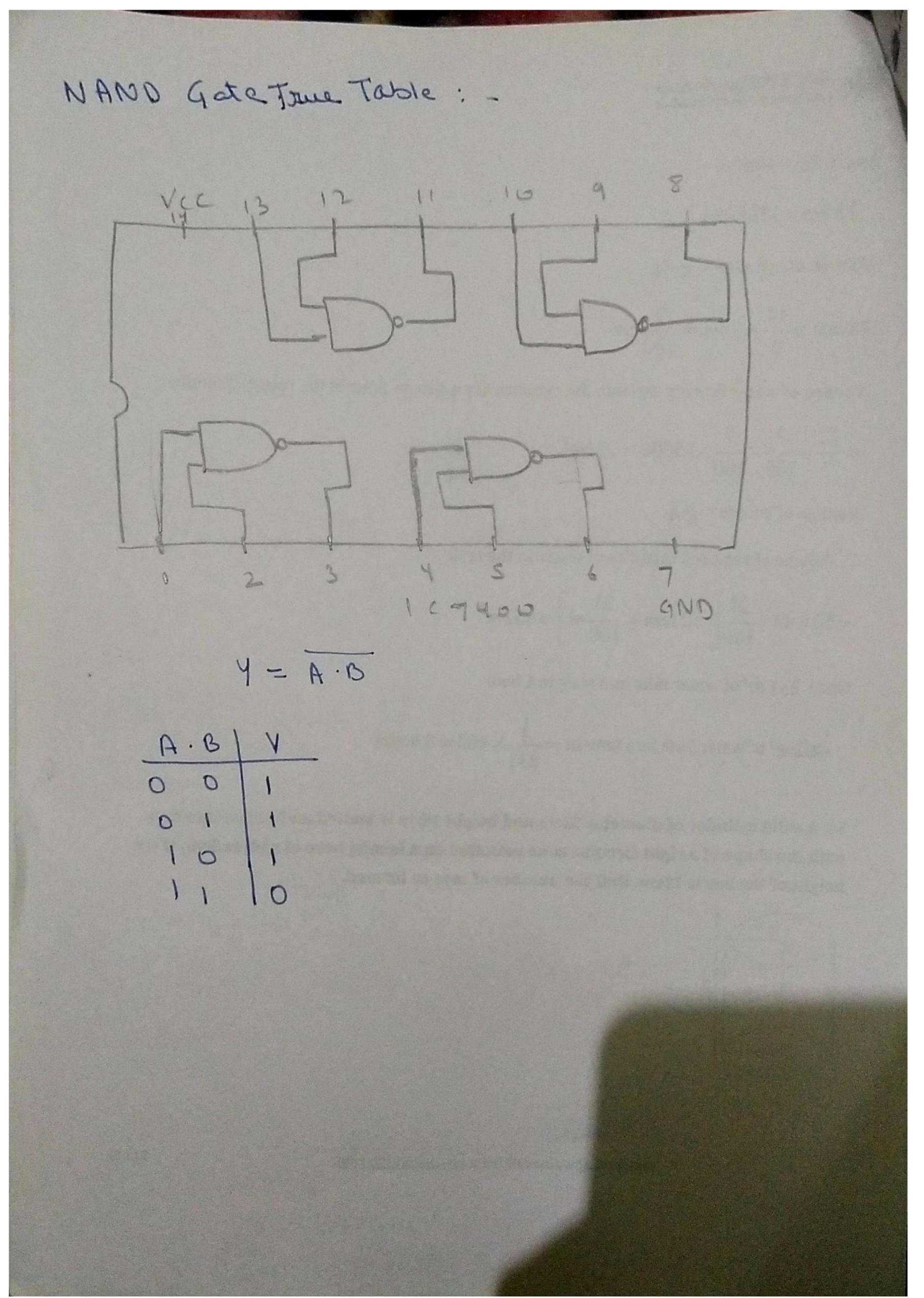
Q1) A NAND gate ("not AND gate") is a logic gate that produces a low output (0) only if all its inputs are true, and high output (1) otherwise. Hence the NAND gate is the inverse of an AND gate, and its circuit is presduced by connecting an AND gate to a NOT gate. Just like like an AND gate a NAND gate have any number of input probes but hot only one output probe.

The basic logical construction of the NAND get is shown:



The symbol gan AND gate is similar to the AND gate.





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