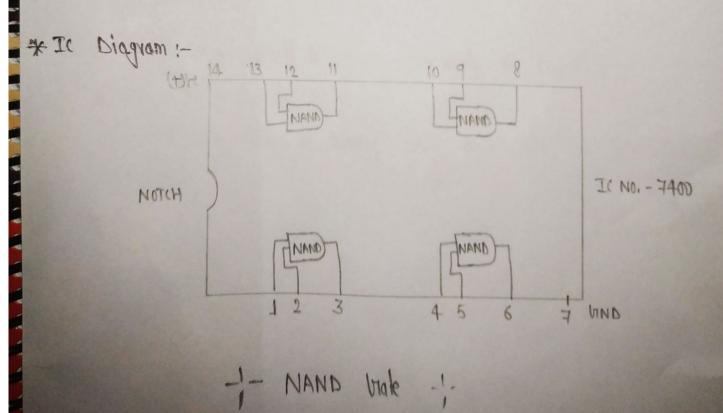
Name - Dheerat Singh Father's Name: Godhan Singh Roll No - 2101063 Subject - Computer organisation of Archetecture.

- 1 Object: To verify the Truth-Table of NAND gate (IC 7400).
- * Appretus Used: NAND gate IC, Power Supply, Connection wires and bread board etc.
- *Theory: The logic NAND gate in generally called an a "UNIVERSAL GATE" because it in one of the mont used logic gate type all gate can be implemented by NAND gate. Boolean exprension Q = A.B.

 The NAND gate has an output low(o) only When all inputs are highled it is inverte of AND gate.



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* Truth - Table !-

Inputa		Outputa C=A.B
A	B	C=A.B
0	0	1
1	0	1
0	1	1
1	1	0

* Renult: The renult of the experiment has been verified succensfully.

* Precoutions =

- (1) All the connection should be proper accordingly the circuit diagram.
- @ Handle the Ic's corefully.
- 3 In come of any tution or burning smell switch off the power supply immediately.

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