Crosephic Era Hill University Name-Mansi Kartyap Student ID: - 21714003 University Rall NV. - 2101113 Answer No-01 NAND gate - The NAND gate is a Combination of an AND gate and NOT gate. They are Connected The NAND gate porovioles the false on low Output only when their Output is high our toure. The NAND gate in Essential because different types of a boolean function are simpotemented by using it. it performs the function of OR, NOR, and AND gate logical Exposerion Student . Sign.

The Output can only be dow when both the infact are high

Touth - Table

A B Z
0 0 1
0 1
1 1

The touth table of the gate it is clear that all the input ment be high to get a low output and if any of the input is dow, the output obtained will be high if any one of the input is also high the output will be high that is a 1.

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