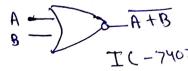
Agush Rowat (40) Sec-A University Roll: 2101048 Subject: Computer Organization

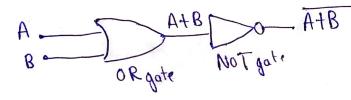
NOR gate :

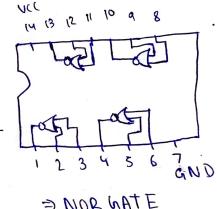
· NOR gate is a universal gate



- · NOR gate con form all the tosic gate
- · NOR gate is combination of NOT-OR gate
- · NOR gate will be high only when all of the inputs one
- · NOR gate return the complement of the ORgate

Circuit Diogram





⇒ NOR WATE I (DI AWRAM

Truth Jable

Inhut	1 output
AB	A+B (A+B)
0 0	0
0 0	0

As in truth table the output of a NOR gate Shoulde be HINH only if the both the gate inputs are LOW. In any other case the output should be LOW. So if any one or both inputs are the Output should be LOW. So if any one or both inputs are the Output should be LOW. By gate will be LOW.