

## Logic Circuits and De Morgan's Law

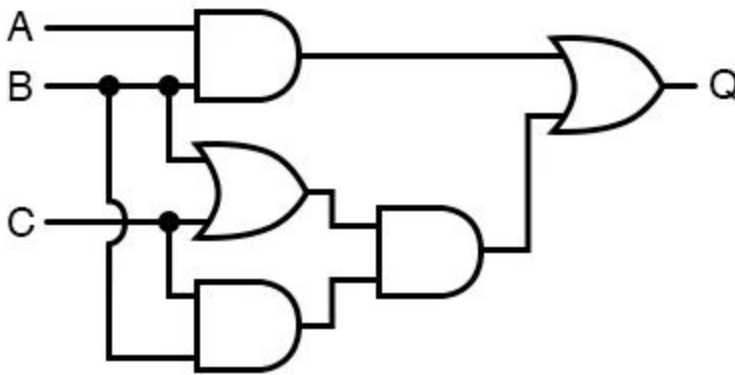
Assignment-3(Session 6)

C++ Class XI

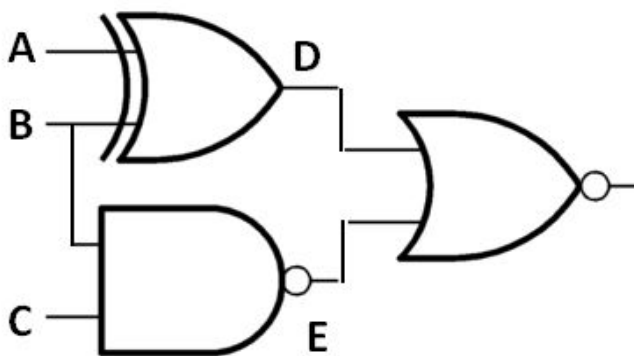
### Note : Instruction to submit the assignment

1. You have to clearly solve all the given questions.
2. On the first page you have to write your name, class, email-id, phone-number and assignment number.
3. Convert the assignment in the PDF form
4. Submit your assignment at a given Google form <https://cb.lk/cbjr/cpp-xi>

Q1. Find the output of the logic gate given below



Q2. Find the output of the given logic circuit and also find the value of D and E



Q3. State De Morgan's Law and prove its any of the statement using truth table and algebraic method(Laws of Boolean Algebra)