

**Full Name:**  
**ID:**  
**Experiment No:**  
**Experiment Date:**  
**Title:**

### **1 – Objective:**

Write a brief explanation about the objective of the experiment.

### **2 – Theory:**

Mention the theoretical information that is required for completing the experiment.

### **3 – Experimental Procedure:**

This part of your report should contain the stepwise explanation of the way you follow during the experiment. Diagrams of any circuits you constructed and/or any truth tables related to your design should be in this part as well.

### **4 – Equipment List:**

Simply list the equipment used for the experiment.

### **5 – Conclusion:**

You should keep in mind that this is the most important part of the report. You need to write down what you have learned from this experiment, using the results you obtained. You may also mention why the circuit we build for this experiment is necessary (any practical applications, advantages vs. disadvantages etc...? ), in addition to analogy between theory and practice.

**DO NOT PUT PROTEUS SIMULATION IN THE LAB REPORT.**

**IMPORTANT NOTE: Please avoid collaboration and identical sentences with your classmates while writing your reports. This will make you get penalized with zero grade for that report.**