

# Lab Report Grading Scheme

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**Lab Name:** *please write your lab name and number*

*Please write Experiment Name and Number*

*Student name and ID number*

*Date of experiment*

*(The report should be submitted every week within one week of experiment is done or the report will not be accepted)*

*Note: the report should not be same among students, each student should prepare his own report*

**(Cover page carries 4 Marks)**

### **1. Introduction and Theory (4 Marks)**

The student should explain about the topic, on which he is going to do experiment, he should clearly explain the following points

- a. Introduce the topic on which he is doing experiment.
- b. Explain theoretical concept lying in the topic.
- c. Explain different block diagrams or topics in the experiment separately
- d. Explain and draw the circuit diagram of each topic.
- e. The student should write formulas and rules for each topic. the symbols should be used wherever necessary.

Note: student will only be awarded marks if he does not makes the above things in same text format, it means not directly by copying and pasting from anywhere, he should type by his own.

### **2. Equipments required: (1 Mark)**

The student should clearly write what equipments the following should be written clearly

- a. Software what he is using
- b. Hardware what he is using

### **3. Procedure:(3 Marks)**

- a. The student should clearly explain the procedure what he has done in lab, he should not copy from lab manual and put that the same thing if so marks will not be awarded, the procedure should be in own words showing how better he understand lab.
- b. He should use formulas wherever necessary.

### **4. Observation table:(2 Marks)**

The student should put all observation tables required for that experiment, he should type them on computer and hand written values are not accepted and will not be awarded marks. An example of observation table is shown below

Table 1- Temperature sensor values

S.NO	Temperature	Voltage
1	30°	20 mV
2	40°	30 mV

**OR**

**5. Graphs and Figures:(2 marks)**

- The student should draw all necessary graphs or figures needed for the experiment, the students should show all the figures that he obtained as output.
- It should be properly sized so that it can be represented correctly a sample is shown below.

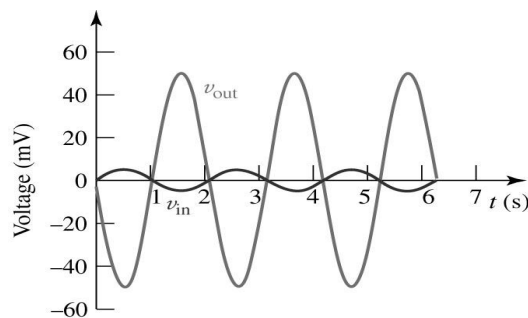


Figure 1: Amplifier output

- The figures should be labeled correctly X axis representation, Y axis representation and the title of figure.

**6. Conclusion and comments:(4 marks)**

- The report should show the conclusion in a correct way.
- The conclusion should not be copied from manual
- The conclusion should say what he has observed during the experiment.
- The conclusion should say what are the differences between practical and theoretical and calculated results.
- The conclusion should say difficulties observed or troubleshooting during the experiment.

**7. Question and Answers:(1 Mark)**

The student should answer the questions at the end of each experiment.