

GUIDELINES TO WRITE THE PHYSICS JOURNAL

Left Page:

- Exp. Diagram/circuit diagram. (with pencil)
- Observations (table with pencil, data with pen)
- Calculations (table with pencil, data with pen)
- Graph : (strictly on graph sheet) (with pencil)

Right Page:

Date:

Expt No.: Title

- Aim:
- Apparatus:
- Formula:
- Procedure:
- Result:
- Precaution: (Any 2)

Note:

- 1) Make 3 sections in Journal:
 - a) Experiments (12)
 - b) Activities (8)
 - c) Demonstration expt. (2)
- 2) The practical's should be in given order.
- 3) End of each practical should be done on right page only.
(Adjust the RHS accordingly)
- 4) Diagrams and table can be done on graph sheets as well as on ruled page. But graph should be strictly on graph sheet.

P.T.O.....

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LIST OF PHYSICS PRACTICAL

Sr no.	Name of Experiment
1	Wheatstone's meter bridge
2	Kelvin's method
3	Potentiometer(I)
4	Potentiometer(II)
5	internal resistance of a cell by potentiometer
6	Characteristics of PN junction diode (Forward and reverse bias)
7	Zener diode
8	sonometer(Law of length)
9	sonometer(Law of Tention)
10	Resonance tube
11	surface tension of a liquid
12	Newton law of cooling

LIST OF ACTIVITY

Sr no	Name of Activity
1	To study dissipation of energy of a simple pendulum
2	To study variation in potential drop
3	To correct the circuit and circuit diagram
4	To identify a diode, LED, Transister, IC, Resistor and capacitor
5	Use of multimeter
6	To study the effect of detergent on surface tension
7	To study factors affecting rate of loss of heat in a liquid
8	To observe polarization of light using two polaroids

LIST OF Demonstration experiment

Sr no	Name of experiment
1	melde's experiment
2	logic gates

NOTE : writeup for demonstration experiment will be upload on website.