

## **Physics Practical Class 12 Viva Questions with Answers**

**1) Define Ohm's law.**

**Answer.** The current that flows through most conductors is directly proportional to the voltage applied. The voltage across a conductor is directly proportional to the current flowing through it, provided all physical conditions and temperatures remain constant.

**2) What is the formula of Ohm's law?**

**Answer.** Ohm's law is given by the formula:  $V=IR$

Where,  $I$ =current,  $V$ =voltage, and  $R$ =Resistance.

**3) What is specific resistance?**

**Answer.** The resistance offered per unit length and unit cross-sectional area when a known amount of voltage is applied is known as the specific resistance.

**4) What is the SI unit of the potential difference?**

**Answer.** The SI unit of the potential difference is volt.

**5) The current is measured in which unit?**

**Answer.** The unit of electric current is Ampere.

**6) What is the unit of resistance?**

**Answer.** The unit of the electrical resistance is Ohms.

**7) Does the resistance depend on the temperature?**

**Answer.** Yes, the resistance depends on the temperature. As the temperature increases, the resistance also increases.

**8) What are the various sources of error while performing this experiment?**

**Answer:** Various sources of error are:

- The instrument screws may be loose.
- Lack of thick connecting wires.
- Using rheostat of high resistance.

# A L Physics Practical Question And Answers

**M Mosston**



## **A L Physics Practical Question And Answers:**

## **A L Physics Practical Question And Answers** Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**A L Physics Practical Question And Answers**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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