## QUESTION

Using the I - V curves how are ohmic materials different from non-ohmic materials

## **Answer**

The main difference between an **ohmic** and a **non-ohmic** materials is whether they follow Ohm's law. An ohmic materials would have a linear relationship between the current and the voltage or in simple terms ohmic materials follow Ohm's Law. In ohmic materials, current and voltage are directly proportional to each other.

While **non-ohmic** materials, current and voltage are not directly proportional to each other. In a non-ohmic material the resistance of the conductors varies according to the variation in the temperature.

## **Explanation**

Notesale.co.uk e in **ohmic** condictors is a *straight line* while the slope When plotting the graph

and resistors while the examples of non-