

Quiz 6

PHY-106

The respondent's email address (**201370210@gift.edu.pk**) was recorded on submission of this form.

From the equation $V=iR$, the ratio i/V is *

2 points

- ☐ Same for all values of V
- ☒ Different for all the values of V
- ☐ Average for all the values of V
- ☐ None of these

It is often contended that $V = iR$ is a statement of ----- but it is known as ----- 2 points
- *

- ☐ Ohm's law and equation for Potential Difference
- ☐ Ohm's law and equation for Current
- ☐ Ohm's law and equation for resistance
- ☐ equation for resistance and ohm's law

The essence of Ohm's law, however, is that a plot of i versus V *

2 points

- ☒ linear
- ☐ non- linear
- ☐ Curved
- ☐ All of these

A conducting device does not obey Ohm's law when the *

2 points

- ☐ resistance of the device is independent of the magnitude and polarity of the applied potential.
- ☒ resistance of the device is dependent of the magnitude and polarity of the applied potential
- ☐ resistance of the device is dependent of the magnitude of the potential
- ☐ resistance of the device is dependent of the polarity of the potential

From the equation $V=iR$, the ratio v/i is *

2 points

- ☐ slope of the straight line
- ☒ reciprocal of the slope of the straight line
- ☐ None of these

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