

Chapter 13: Current Electricity

- To measure the current in a circuit the ammeter is always connected
 - Series
 - Parallel
 - Sometimes parallel sometimes series
 - Neither parallel nor series
- Electrical energy is measured as
 - Watt
 - Horse power
 - Kilowatt
 - Kilowatt hour
- Siemen is the unit of
 - Resistance
 - Conductance
 - Conductivity
 - Resistivity
- The resistivity of a conductor increases with
 - Increase in length
 - Increase in its area
 - Increase in its temperature
 - Decrease in its length
- The sensitivity of a galvanometer can be increased by
 - Decreasing the area of the coil
 - Decreasing the number of turns of the coil
 - Increasing the magnetic field
 - Using a fine suspension
- The power output of a lamp is 6w how much energy does the lamp gives out in two minutes?
 - 3J
 - 12J
 - 120J
 - 720J
- Power dissipation in a pure inductive or in a pure capacitance circuit is
 - Infinite
 - Zero
 - Maximum
 - Minimum
- The emf is always _____ even when no current is drawn through the battery or cell
 - Zero
 - Present
 - Absent
 - Maximum
- Tolerance for silver band is
 - $\pm 10\%$
 - $\pm 15\%$
 - $\pm 20\%$
 - $\pm 25\%$
- The graphical representation of the Ohm's law if
 - Hyperbola
 - Parabola
 - Ellipse
 - Straight line
- The substance having negative temperature co-efficient is
 - Carbon
 - Tungsten
 - Iron
 - Gold
- Resistivity at a given temperature depends upon
 - Area of the cross section
 - Length
 - Nature of the material
 - Both length and area