

6. Electric Current

1. The Kilowatt hour is the unit of ____
2. The S.I Unit of potential difference is ____.
3. Units of resistance ____.
4. The surface of earth is taken to be at ____ potential.
5. Kirchhoff's loop law is based on the conservation of ____.
6. Voltmeter is always connected ____ in a circuit.
7. Units of specific resistant ____.
8. A thick wire has a ____ resistance than a thin wire.
9. S.I unit of electric power is ____.
10. 1 KWH = ____ Joules.
11. The magnitude of electric charge is ____ C ()
a) 1.602×10^{-19} b) 1.206×10^{-19} c) 1.062×10^{-19} d) None
12. The S.I unit of electric current ()
a) Ampere b) Coulomb c) Volts d) Ohms
13. In the battery chemical energy is converted in to ____ Energy. ()
a) Mechanical b) Electrical c) Magnetic d) Heat
14. The material which offers resistance to motion of electrons is called. ()
a) Insulator b) Conductor c) Resistor d) Semi Conductor
15. The S.I unit of resistance is _____. ()
a) Volt b) Ohm c) Ampere d) Joule
16. The S.I unit of Specific resistance (or) resistivity is _____. ()
a) ohm/metre b) ohm-metre c) ohm d) Ohm-Metre
17. Specific resistance depends upon _____. ()
a) Temperature b) Nature of Material
c) Length of Material d) a & b

