11. 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

18. Semi-conductors are used to make the following devices.   (   )

   a) Diodes   b) Transistors

   c) Integrated Circuits   d) All of These

19. The obstruction to the flow of current is called ____.   (   )

   a) Current   b) Voltage   c) Resistance   d) None

20. The S.I unit of power ____.   (   )

   a) Volt   b) Ampere   c) Watt   d) KW

21. A thick wire has ____ resistance than a wire.   (   )

   a) More   b) Less   c) Equal   d) None

22. The reciprocal of resistivity is called as_____   (   )

   a) Conductivity   b) Resistance   c) Current   d) Voltage

Answers

1) Electric Energy	2) Volt	3) Ohm	4) Zero
5) Energy	6) Parallel	7) Ohm-Meter	8) Less
9) Watt	10) 36×10^5	11) a	12) a
13) b	14) b	15) b	16) b
17) d	18) d	19) c	20) c
21) b	22) b		