## 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) $1.602 \times 10^{-19}$ b) $1.206 \times 10^{-19}$ c) $1.062 \times 10^{-19}$	$^{-19}$ 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) Res	sistor 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 Mater	ial					
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) N	one
20.The S.I unit of power				(	)
a) Volt	b) Ampere	c) Watt	d) KV	N	
21.A thick wire has resistance than a wire.				(	)
a) More	b) Less	c) Equal	d) No	one	
22. The reciprocal of resistivity is called as ( )					)
a) Conductivity	b) Resistance	ce c) Current		d) V	oltage

## **Answers**

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