1.	The te	rm "static" means?				
	a.	Always moving	c.	Positive		
	b.	Not moving	d.	Neutral		
2.	What o	does the "Law of Electric Charges" state:				
	a.	Like charges repel, and unlike charges attract or	ne another			
	b.	Like charges attract, and unlike charges repel or				
	C.	Like charges do not respond to each other, and		attract one another		
	d.	Like charges repel each other, and unlike charge	_			
3.	When	an object is charged without touching, it is said to	o be charged by	:		
	a.	Friction	C.	Induction		
	b.	Contact	d.	Static		
4.	The rate at which electric charges flow past a given point in a circuit is called?					
	a.	electric current		voltage		
	b.	electrical resistance		electric potential		
5.	The tvi	pe of circuit in which each electrical load is wired	to the circuit hy	rits own hranch circuit is		
٦.		Series	C.			
		Parallel	_	,		
	υ.	ratallel	u.	primary		
6.		lectric potential" in a circuit is also known as the:		Charles the		
	a.	Current	C.	Circuitry		
	b.	Resistance	d.	Voltage		
7.	What i	s the charge of an electron?				
	a.	Positive	C.	Neutral		
	b.	Negative	d.	Stationary		
8.	Which	of the following measure the electric current in a	circuit?			
	a.	Ammeter	C.	Voltmeter		
	b.	Thermometer	d.	Ohmmeter		
9.	What i	s the term for electricity that does not move?				
	a.	Static	c.	Kinetic		
	b.	Current	d.	Ionic		
10.	A ballo	on is rubbed on human hair. How will the electro	ons be transferr	ed?		
	a.	Balloon to hair	C.	Electrons will not move		
	b.	Hair to balloon	d.	Back and forth between balloon and		
				hair		
11.		e charges attract charges.	_	Navibuel		
	a.	Positive	C.	Neutral		
	b.	Negative	d.	Both positive and negative		
12.		ons can move the easiest through which of the fo	_			
	a.	Bread		Hair		
	b.	Copper	d.	Plastic		
13.	What o	device measures the electrical energy in a circuit?				
	a.	Ammeter	C.	Voltmeter		
	b.	Thermometer	d.	Ohmmeter		
14.	In a cir	cuit, what is another name for a light bulb?				
	a.	Source	c.	Control device		
	b.	Load	d.	Connecting wires		

the sar	ne time?					
a.	Next to the first light bulb	c.	Next to third bulb			
b.	Next to the second light bulb	d.	Anywhere in the circuit			
16. Two identical light bulbs are connected in series. How will the brightness of those lights change if another						
identic	al bulb is added in series:					
a.	Lights will get dimmer	d.	One light will brighten the other will			
	Lights will get brighter	٠	dim			
C.	Brightness will not change					
C.	Brightness will not change					
17 Using (17. Using Ohm's law, what is the current drawn from a 12V battery is the circuit contains 5.5 ohms of resistance?					
_	6.5A		66A			
D.	0.46A	a.	2.18A			
	current is drawn from a 24V battery. What is the resistance					
a.	10.4 ohms		0.095 ohms			
b.	55.2 ohms	d.	21.7 ohms			
_	Dhm's law, what is the voltage of a circuit with 2.4ohms of re	sista	ance and a current of 4A?			
a.	1.67 volts	c.	9.6 volts			
b.	0.6 volts	d.	1.2 volts			
20. If one l	oulb goes out in this type of circuit all the bulbs go out. This	circu	uit is wired in:			
a.	Parallel	c.	Branches			
b.	Series	d.	Circuit board			
21. In a cir	cuit a switch is an example of:					
	A source	c.	Connecting wires			
	A load	d.	Control device			
Ö.	711000	u.	Control device			
22 Two id	entical light bulbs are connected in parallel. A third identical	liah	t is connected in parallel. Theoretically			
	ill the brightness of the original lights change?	11811	t is connected in paramet. Theoretically,			
	Lights will get dimmer					
b.	Lights will get brighter					
С.	Brightness will not change					
d.	One light will brighten the other will dim					
	potential is measured in:					
a.	Amps	c.	Voltage			
b.	Ohms	d.	Current			
24. Using ohms law, calculate the current in a circuit with 3, 1.5volt batteries and 10 ohms of resistance:						
a.	0.15 A	c.	0.45A			
b.	6.67 A	d.	15A			
25. A substance that does not allow electrons to pass through it is called a(n):						
a.			Insulator			
b.	Capacitor	d.	Neutral object			
	•		•			

15. A circuit contains three light bulbs in series. Where should a switch be placed to turn all the lights on or off at