NAME:			ID: A
DATE:			
Topic:	Basic Principles/Industrial Electricity ELC191 Quiz Mr. Lombardo		
ELC191 Q	uiz SG1		
	Please remove all ite This is a closed textboo Please PRINT the letter of the <u>BE</u> Any unanswered questions You will have 50 minutes to co	ok qı <u>S7</u> will	uiz worth 27 points. answer in the space provided. be graded as incorrect.
Multiple Ch	oice		
1.	A conductor is normally made of atoms A. five or six B. seven or eight	C.	four one to three
2.	The unit of electrical power is the A. volt B. watt		ohm ampere
3.	The current flow, resistor voltages, and using law. A. Ampere's B. Volt's		resistances in a series circuit can be found by Ohm's Coulomb's
4.	What is the term for an amount of charges. A. coulomb B. volt	C.	qual to 6.25 x 10 ¹⁸ electrons? watt ampere
5.	The three principle parts of an atom are A. neutron, quark, and electron B. electron, proton, and quark	C.	electron, neutron, and proton neutron, positron, and electron
6.	A flow of one coulomb per second past	a p	oint in a circuit describes a(n)



D. ampere

C. ohm

7. The unit of resistance is the

A. volt C. ohm B. ampere D. watt



A. volt

B. watt

 8.	•	C.	ctricity is through the use of chemicals friction
 9.	•	C.	rge is the quark electron
 10.	Current that flows in both directions is cacurrent. A. direct		d bidirectional. It is also referred to as
 11.	•	C.	e quark neutron
 12.		C.	_ shell. outermost innermost
 13.	•		protons neutrons
 14.	A circuit that has only one path for currer A. series		ow is a circuit. parallel
 15.		C.	and opposite charges attract, repel repel, attract
 16.	The geographic north pole of the earth is A. north		agnetically a pole. south
 17.	•		ohm watt
 18.			neutrons and quarks

 19.	In a series circuit with two resistors, the total resistance is equal to the of the two resistors.					
	A. sum	C.	difference			
	B. product over the sum	D.	quotient			
 20.	The part of an atom that has a positive	chai	rge is the			
	A. electron	C.	neutron			
	B. proton	D.	quark			
 21.	A basic law of magnetism states that like poles and opposite poles					
	A. attract, repel	B.	repel, attract			
22.	Current that flows in only one direction is called unidirectional. It is also referred to as					
	current.	_				
	A. direct	В.	alternating			
 23.	23. In order to have current flow, a circuit must be					
	A. open		grounded			
	B. closed	D.	shorted			
 24.	Objects charged with different type of charges will draw toward each other. This is referred					
	to as A. attraction	D	ropulcion			
	A. attraction	D.	repulsion			
 25.	Objects charged with the same type of charge will push each other away. This is referred as					
	A. repulsion	В.	attraction			
26	An insulator is normally an atom with		electrons in the valance shell			
20.	A. five or six		seven or eight			
	B. four		one to three			
	D. IOUI	υ.	one to timee			
 27.	. An element cannot be chemically subdivided into other elements. The smallest amount of					
	an element is a(n)	\sim	atam			
	A. neutron		atom			
	B. electron	υ.	proton			