i) A i i o circuit protecti	A PTC circuit protector prevents excessive current flow in a circuit by				
A) Changing to a ve	ery high resistance	B) Grounding the			
C) Burning open		D) Opening a set o	f contacts		
2) Which metal is the bes	st conductor of electricity	?		2)	
A) Gold	B) Copper	C) Brass	D) Silver		
3) Technician A says that copper jumper cables are better than aluminum jumper cables. Technician B says that aluminum jumper cables are better than copper jumper cables. Which technician is correct?					
A) Technician A on	nlv	B) Technician B on	nlv		
C) Both technicians		D) Neither technic			
4) What causes a fuse to	blow?			4)	
A) A decrease in cir	rcuit resistance				
	he current flow through t				
	ase in current flow through	gh the circuit			
D) Both A and B are	e correct				
	ns require wire			5)	
A) Smaller	B) Equal	C) Larger	D) None of these		
•	hich of these symbols represents a fuse in an electrical diagram?				
A) ===	В)	C) ~~	D) None of these		
		chnician A says that a test		7)	
•		s that the fuse is defective	if a test light only lights		
	e. Which technician is cor		de e		
	A) Technician A onlyC) Both technicians A and B		B) Technician B onlyD) Neither technician A nor B		
C) Both technicians	S A and B	D) Neither technic	Idii A 1101 B		
8) Which type of fuse ca	n handle up to 80 amps?			8)	
A) ATO	B) Mini	C) Maxi	D) None of these		
9) A braided wire runnii	ng from the negative batt	ery terminal to the body of	a vehicle is known as a	9)	
A) Ground strap		B) Facilitating circ	uit		
C) Redundant sour	rce	D) None of these			
10) A twisted pair circuit	has wire with at least	turns per foot.		10)	
		C) 9	D) 12	·	
A) 24	B) 5	C) /	D) 12		

	12)	Thick wires have a	AWG rating than th	iin wires.		12)
		A) Lower		B) Higher		
	13)	A metric wire size of 2.0	mm ² is equivalent to	AWG size.		13)
	. 0,	A) 2 ga.	B) 20 ga.	C) 14 ga.	D) 10 ga.	
		_	_	-	_	
	14)	The type of solder that sh		14)		
		A) 60/40 with no flux		B) Rosin core		
		C) 50/50 with acid pas	te flux	D) Acid core		
	15)	Wire A has a diameter of 10. Which of these is MO			es and an AWG rating of	15)
		A) 20 ga.	B) 12 ga.	C) 14 ga.	D) 5 ga.	
	1/\	\\/\bisb of these is the was		ion outomostivo oposlomo?		1/)
	10)	Which of these is the reco	B) 20 ga.	C) 0 ga.	D) 00 ga.	16)
		A) 10 ya.	Б) 20 ya.	C) 0 ga.	D) 00 ya.	
	17)	Stranded copper wire is u	used in most automotive	e electrical circuits becaus	e it	17)
		A) Bends more easily t			e but excellent conductor	
		C) Both A and B		D) Neither A nor B		
	40)					40)
	18)	A technician is performing	•	cuit under the hood of a vi ing or a crimp and seal co		18)
		says to solder and use ele			Tiricctor. Technician b	
		A) Technician A only	'	B) Technician B onl	У	
		C) Both technicians A	and B	D) Neither technicia	n A nor B	
	40)	NAME AND AND				10)
	19)	What is a "CPA"? A) Cold pack adapter		B) Caller placement	tadantor	19)
		C) Caliper pad adjuste	r	D) Connector positi		
		o, campor pad dajdoto	•	D) commoter positi	orr assar arros	
	20)	Which of these wires is M	10ST likely used for star	rter motor high current ci	cuits?	20)
		A) 20 ga.	B) 0 ga.	C) 18 ga.	D) 14 ga.	
TDU	- /F A	I CE - Maite ITI i Ether etet		h		
IRU	:/FA	LSE. Write 'T' if the state	ement is true and F ii t	ne statement is raise.		
	21)	Wiring that is covered wi	th orange conduit may	contain wiring with volta	ge levels between 42 and	21)
		100 volts.				
MUL	TIPI	E CHOICE Choose the	one alternative that bes	st completes the statemen	t or answers the question.	
					it or unovers the question.	
	22)	What is the purpose of el A) Keeps dust off of th				22)
			g only needed for vehicl	le assembly		
		C) Dresses up the und				
		D) Covers and protects				
	23)	The higher the AWG nur		D) Th	odno altano de c	23)
		A) The thicker the insuC) The larger the wire		B) The smaller the v	wire diameter s in the conductor core	
		C) The larger the Wile	uiaiiicici	וווים וווטוע אוו מווע ועם	S III LITE COTTUUCTOT COTE	

	A) They are more flexible to allow movement of the engine without breaking the wire B) They are less expensive than conventional wire C) They help dampen radio-frequency interference (RFI) D) Both A and C are correct						
	25) Metric wire size is measure A) Meters C) Cubic millimeters	ed in units of	B) Cubic centimeters D) Square millimeters		25)		
TRUE	/FALSE. Write 'T' if the staten	nent is true and 'F' if the s	tatement is false.				
26) A wiring terminal is usually made of metal.							
27) A MEGA fuse is usually rated at no more than 50 amps.							
MUL ⁻	TIPLE CHOICE. Choose the or	ne alternative that best co	mpletes the statement or a	answers the question.			
 28) Which statements are true about wire, terminals, and connectors? A) A wire is called a lead, and the metal end is a connector B) A connector is usually a plastic piece where the terminals lock in C) A lead and a terminal are the same thing D) Both A and C 							
	29) A 10 amp fuse is normally A) Blue	what color? B) Green	C) Yellow	D) Red	29)		
	30) A 200 amp circuit that is 25 A) 16 ga.	i feet long should use wire B) 18 ga.	of which AWG rating? C) 2 ga.	D) 14 ga.	30)		