https://selldocx.com/products The Electricians/Getchafthttbeodlectricians-green-handbook-1e-cutter Chapter 1 - Conversion

TRUE/FALSE

1.	Nikola Tesla discover	red the	"Tesla Effect."			
	ANS: F	REF:	Introduction			
2.	In Edison's time, the	power	that we used for ou	r ho	omes was AC.	
	ANS: F	REF:	Introduction			
3.	You can say that a give	ven vol	tage is positive with	h re	spect to the negative point.	
	ANS: T	REF:	Waveforms			
4.	One hertz is equal to	one coi	nplete cycle per se	con	d.	
	ANS: T	REF:	Waveforms			
5.	A bridge rectifier use	s diode	s to provide full wa	ave 1	rectification.	
	ANS: T	REF:	Rectifier			
MULTIPLE CHOICE						
1.	The basic operation of a. inverter b. rectifier	of a(n)_	is to pass curre	c.	in one direction only. converter transformer	
	ANS: B	REF:	Rectifier			
2.	In a bridge rectifier, t a. quality b. efficiency	he	of the output is th	c.	me regardless of the polarity of the input. delay polarity	
	ANS: D	REF:	Bridge Rectifier			
3.	You should never dis a. shorting the term b. disconnecting it v	inals		c. d.	heating it turning it off	
	ANS: A	REF:	Inverter			
4.	A motor generator se a. rectifier b. AC alternator	t is a D	C motor driving a(1	n) _ c. d.	bridge rectifier inverter	
	ANS: B	REF:	Inverter			

3.	a. thyristor b. rectifier	te inverter became practic	c. bridge rectifier d. diode		
	ANS: A	REF: Inverter	u. diode		
6.	Inverters are also known a. thyristors b. diodes	own as	c. oscillators d. rectifiers		
	ANS: C	REF: Inverter			
7.	Square waves are ful a. phase distortion b. amplitude distort		c. frequency distortiond. harmonic distortion		
	ANS: D	REF: Inverter			
8.	The Modified Square a. Quasi Cosine Wa b. Cosine Wave	e Wave is also called the _ ave	c. Modified Sine Wave d. Tangent Wave		
	ANS: C	REF: Inverter			
9.	The USB 2.0 specifica. 60 Mbit/sb. 120 Mbit/s	cation has a data transfer r	ate up to c. 240 Mbit/s d. 480 Mbit/s		
	ANS: D	REF: Alternative Energ	y Monitoring Systems		
10.	 a. Wide Area Networks (WANs) b. Metropolitan Area Networks (MANs) c. Local Area Networks (LANs) d. Wireless Local Area Networks (WLANs) 				
	ANS: C	REF: Alternative Energ	y Monitoring Systems		
SHOI	RT ANSWER				
	What is frequency m	easured in?			
	ANS: Frequency is measure				
	REF: Waveforms				
2.	What is the bridge rectifier also called?				
	ANS: The bridge rectifier is also called the Graetz circuit after Leo Graetz who invented it in 1880.				
	REF: Bridge Rectif	ier			

3. What is Bluetooth?

ANS:

Bluetooth is an open wireless protocol for exchanging data over short distances.

REF: Alternative Energy Monitoring Systems

4. What does TCP stand for?

ANS:

TCP stands for Transmission Control Protocol.

REF: Alternative Energy Monitoring Systems

5. How do power line communication systems operate?

ANS:

All power line communication systems operate by impressing a modulated signal on the wiring system that is used to supply the power.

REF: Alternative Energy Monitoring Systems