Chapter 2 - Fuses, Disconnect Switches, and Circuit Breakers

TRUE/FALSE

1.	The 120 VAC circuit is normally protected by a single fuse or circuit breaker.					
	ANS: T	PTS:	1	REF:	Protective Factors	
2.	Switching voltage surges are usually limited to three times normal voltage.					
	ANS: T	PTS:	1	REF:	Voltage and Frequency Surges	
3.					h the motor's electrical characteristics, the unit's tection curve to the motor being monitored.	
	ANS: T	PTS:	1	REF:	Programmable Motor Protection	
MUL	TIPLE CHOICE					
1.				ounded	by a filler and enclosed by the fuse body. The	
	element is a calibrate	ed	•			
	a. insulator				conductor	
	b. transistor			a.	capacitor	
	ANS: C	PTS:	1	REF:	Fuse Construction and Operation	
2.	provided by a fuse. a. current limitation		l ampere square	c.	ands (I_{2t}) are two measures for the degree of circuit isolation	
	b. time delay			d.	rectification	
	ANS: A REF: Peak Let-Thr	PTS: u Curre		pere Sq	uared Seconds (I2t)	
3.	is the current-limiting characteristic of a transformer and is expressed as a percent.					
	a. Capacitance	C		c.		
	b. Impedance			d.	Rectification	
	ANS: B	PTS:	1	REF:	Selecting Protective Devices	
4.	The main purpose of a. determine the intb. calculate the ava	terruptir	ng capacity	c.	oter (GFCI) is to protect a person from electrical shock gauge the ambient temperature	
	ANS: C	PTS:	1	REF:	Ground Fault Circuit Interrupter	
COM	PLETION					
	A11	1	11.1			
1.	All protective device current at rated volta				, which is defined as the highest errupt.	
	ANS: interrupting c	apacity				

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	PTS: 1 REF: Fuse Types
2.	fuses are used today in almost all fuse applications.
	ANS: Current-limiting time-delay Current limiting time delay
	PTS: 1 REF: Fuse Types
3.	Adding a(n) to the nonautomatic circuit breaker, by using a bimetallic element in each pole of the breaker, provides automatic tripping.
	ANS: thermal trip unit
	PTS: 1 REF: Circuit Breaker Types