Test Bank for Electronics for Electricians 7th Edition by Herman IBSN 9781305505995

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Unit 2 — Power Rating and Heat Sinking Components

TRUE	FΑ	LSE
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1.	Heat sinks vary in	size and shap	pe, but have only on	ne purpose.
	ANS: T	PTS: 1	REF:	Heat Sinks
2.	The purpose of a h	neat sink is to	decrease the surfac	ee area of the device connected to it.
	ANS: F	PTS: 1	REF:	Heat Sinks
3.	The surface of the	device and h	neat sink may look p	perfectly flat to the naked eye.
	ANS: T	PTS: 1	REF:	Heat Sinks
4.	Using thermal compound when heat sinking components is not a necessity.			
	ANS: F	PTS: 1	REF:	Heat Sinks
5.	5. Small heat sinks are generally used when a component is operated at its lowest power rating.			
	ANS: F	PTS: 1	REF:	Heat Sinks
MUL	ГІРЬЕ СНОІСЕ			
1.	Electrical and elec	tronic compo	•	rating measured in watts
	b. ohms			amps
	ANS: C	PTS: 1	REF:	Power Rating
2.	-	dicates the a		he component can dissipate before damage occurs.
	a. powerb. energy			resistance current
	ANS: A	PTS: 1	REF:	Power Rating
3.				white in color is made from
	a. sodium oxideb. magnesium p			beryllium perchlorate beryllium oxide
	ANS: D	PTS: 1		Heat Sinks
4.				is generally used to ensure a good thermal contact
	between the devic a. thermal comp			resistance compound
	b. insulation cor			break compound
	ANS: A	PTS: 1	REF:	Heat Sinks
5.				faces and provide good thermal contact.
	a. Insulation con	npound	c.	Break compound

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b. Thermal compound

d. Lock compound

ANS: B

PTS: 1

REF: Heat Sinks