

2017 Master Code Practice Exam - 100 Question

1.	Type MV cable (Medium Voltage) shall be permitted for use on power systems rated up to and
	including 35,000 volts, nominal, in which of these circumstances:

Α.	ln	wet	or	dry	locations
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- B. Direct buried
- C. In messenger-supported wire
- D. All of the above
- 2. Using the Standard Method, what is the calculated service rating for a 1500 square feet dwelling with the following:
 - (2) 20-A small appliance circuits
 - (1) 20-A laundry circuit
 - (2) 4-kW wall-mounted ovens
 - (1) 5.1-kW counter-mounted cooking unit
 - (1) 4.5-kW water heater, a 1.2 kW dishwasher
 - (1) 5-kW clothes washer and dryer
 - (6) 7-A, 240-V room air-conditioning units
 - (1) 1.5-KW permanently installed bathroom space heater

- A. 115A
- B. 162A
- C. 153A
- D. 175A
- Where CNG or LNG dispensers are installed beneath a canopy or enclosure, all electrical
 equipment installed beneath the canopy or enclosure shall be suitable for ______
 hazardous (classified) locations.
 - A. Class II, Division 2
 - B. Class I, Division 1
 - C. Class II, Division 1
 - D. Class I, Division 2

^{**}Note - use the column C method, rather than the column A method for this specific problem**

4.	The ampacity of the supply conductors for an individual resistance welder that can be operated at different times at different values of primary current or duty cycle shall not be less than of the rated primary current for seam and automatically fed welders.
	A. 25% B. 70% C. 75% D. 80%
5.	Where heating equipment is supplied by more than one source, feeder, or branch circuit, the disconnecting means shall be
	A. located within 10 ft of equipment B. grouped
	C. terminated to an equipment grounding conductor originating at the service D. all of these
6.	When connecting energy storage systems to other sources, only inverters and ac modules listed and identified as shall be permitted on interactive systems.
	A. active
	B. reactive
	C. non-active D. interactive
7.	In a major repair garage where natural gas vehicles are repaired, the area within 18 inches of the ceiling is considered what classification?
	A. Class I, Division 2
	B. Class II, Division 2
	C. Class I, Division 1
	D. Class II, Division 1
8.	Calculate the maximum demand load for a single branch circuit supplying a counter-mounted cooking unit and two wall-mounted ovens, all located in the same room. The counter-mounted unit has a nameplate rating of 6 kW, and each wall-mounted oven has a rating of 4 kW.
	A. 8.8kW
	B. 7.7kW
	C. 11kW
	D. 14kW
9.	A bank has a total square footage of 25,000sq-ft, and there are 250 receptacles installed. Determine the largest receptacle load to be applied to the total demand load.
	A. 55,000VA
	B. 50,000VA

C. 46,000VAD. 45,000VA

10. A restaurant has all electric appliances, a connected lighting load that includes a sign, totaling 50,000 VA.
The electrical service is rated at 120/208V, three-phase. The restaurant contains the following loads: 120-volt loads 60 duplex receptacles 100 ft multi-outlet assembly (simultaneous rated) 1 broiler 5 kW 2 deep fryers 5.5 kW 1 freezer 3,400 VA 1 booster heater 1,500 VA 1 coffee service machine 3,500 VA 1 dishwasher 3,500 VA 208-volt loads 1 walk-in cooler 6,400 VA 1 water heater 4,800 VA 1 oven 20 kW 1 range 15 kW
2 convection ovens 8kW
15kW electric heater 14 kW AC
3 exhaust fans 2.4 ampere s 1 cooktop 10kW
2 10kw heating units.
What is the total demand load for the restaurant?
A. 214,550VA
B. 122,700VA
C. 162,940VA D. 160,000VA
D. 100,000 V/
11. What are the primary and secondary overcurrent protection devices for a 75kVA three-phase, 480V/208Y transformer?
A. 125A primary, 300A secondary
B. 150A primary, 300A secondary
C. 225A primary /300A secondary
D. 350A primary, 320A secondary
12. A phase converter with a nameplate single-phase input rating of 100 FLA, protecting variable loads, shall have overcurrent protection set at not more than
A. 100A
B. 125A
C. 150A
D. 225A

13.	3. What is the maximum size overcurrent protection device required to protect 14 AWG copper conductors used for a pump motor control-circuit that is protected by a motor branch circuit protection device and extends beyond the enclosure?	
	В. С.	15A 20A 45A 100A
14.	_	ers shall be designed and mounted such that all electrical equipment and fixed least above floor level.
	B. C.	6 inches 12 inches 18 inches 24 inches
15.	up	tached power supply cable(s) for overhead gantries shall be provided with on exposure to strain that could result in either cable damage or separation from ery device and exposure of live parts.
	В. С.	a means to de-energize the cable conductors and power service delivery device ground-fault interrupter protection arc-fault protection
	D.	a means to energize the cable conductors and power service delivery device
16.		floor is 70 ft by 10 ft and has two small appliance circuits; a 1000-VA, 240-V 'A, 120-V exhaust fan; a 400-VA, 120-V dishwasher; and a 7000-VA electric range.
	A.	30A
		40A 50A
		60A
17.	17. Each conductor of a lead-in from an outdoor antenna shall be provided with a(n)	
		equipment grounding conductor
		listed antenna discharge unit listed disconnecting means
		grounding electrode
18.	An energy man	agement system shall not override the load shedding controls for the following:
		Fire Pumps
		Legally Required Standby Systems
		Emergency Systems All of these
	5.	

19. What are the minimum size THWN conductors required to feed the primary side of a 112.5kV/sthree-phase 480V/208V transformer?		
	B. C. D.	1/0 THWN Primary, 400 kcmil THWN Secondary 2/0 THWN Primary, 500 kcmil THWN Secondary 3/0 THWN Primary, 550 kcmil THWN Secondary 4/0 THWN Primary, 600 kcmil THWN Secondary
20.	stored, the area	where flammable liquids are received by a pipeline and are blended in bulk and within 3 ft of the edge of outdoor equipment, extending in all directions, shall be environment
	В. С.	Class I, Division 2 Class II, Division 2 Class II, Division 1 Class I, Division 1
21.	shall not be gre ground-fault pro	e overcurrent protective device for the circuit supplying the industrial control panel ater than the sum of the largest rating of the branch-circuit short-circuit and otective device provided with the industrial control panel,, plus the oad currents of all other motors and apparatus that could be in operation at the
	B.	plus 150% of the FLA rating of all resistance heating loads plus 125% of the FLA rating of all resistance heating loads plus 100% of the FLA rating of all resistance heating loads plus 80% of the FLA rating of all resistance heating loads
22.		its shall be identified at terminal and junction locations in a manner that during testing and servicing of other systems.
	B.	identifies the nominal voltage rating of the system is legible helps to prevent unintentional signals on fire alarm circuit(s)
	D.	allows emergency workers to easily find the means of disconnection
23.	conduit, or threa	iring in motor fuel dispensing facilities shall be installed in threaded rigid metal aded steel intermediate metal conduit, or where buried under not less than cover, shall be permitted to be installed in Type PVC, Type RTRC, or Type HDPE
	B. C.	1 foot 2 feet 3 feet 6 feet
24.		er shall be required if the space between the resistors and reactors and any aterial is less than
	A.	24 inches

		12 inches
	D.	6 inches
25.	As a fixed wirin	g method encased in inch(es) of concrete, nonmetallic raceways
		ted to be used where installed in an occupancy where 100 or more people gather
	or assemble.	
	Α.	1/2
	В.	· -
	C.	
	D.	-
26.	Type ITC cable	shall not be installed on circuits operating at more
	than	·
	A.	150V or more than 5A
		1,000V or more than 10A
		600V or more than 10A
	D.	250V or more than 5
27	Power-limited o	control power sources, other than transformers, shall be protected by overcurrent
		t not more than of the VA rating of the source divided by the rated
	voltage.	
	J	
	A.	125%
	B.	100%
	C.	167%
	D.	200%
28.	Where capacito	ors are installed in motor circuits, conductors shall not be less than
		of the rated current of the capacitor.
	A.	80%
	B.	115%
	C.	125%
	D.	135%
29.	A three-phase 2	230V wound-rotor motor rated at 15HP requires short-circuit and ground-fault
	•	manufacturer calls for a non time delay fuse to protect the motor. What size fuse
	shall be selecte	
	Α.	40A
		45A
		50A
		60A
30	An industrial m	achine's name plate shall be attached to the control equipment enclosure or
- 5.		nall be plainly visible after installation. The nameplate shall include:

B. 18 inches

		supply voltage, number of phases, frequency, and FLA
		minimum ampere rating of the short-circuit and ground-fault protective device
		efficiency and power factor rating
	D.	ampere rating of largest motor, from the motor nameplate, or load
31.		er sheath of a mineral-insulated, metal-sheathed cable is made of, it
	shall provide ar	n adequate path to serve as an equipment grounding conductor.
	A.	copper
	B.	aluminum
	C.	steel
	D.	nickel
32.		all be constructed, installed, or equipped with shades or guards so that combustible subjected to temperatures in excess of
	A.	90°F
	B.	104°F
	C.	194°F
	D.	200°F
33.	purposes, shall	on electrically driven irrigation machines, where used for control and signal have a current rating not less than of the full-load current of the served plus the full-load current of all other devices served.
	A.	125%
	B.	200%
	C.	175%
	D.	100%
34.		cuit rating for an appliance that is a continuous load shall not be less than of the marked rating.
	A.	75%
	B.	83%
	C.	100%
	D.	125%
35.	Raceways shal	l be used only as a means of support for other raceways where the raceway
	A.	contains only 600V conductors
	B.	is identified as a means of support
		is installed above a grid ceiling
		is installed as a complete assembly

36			e midpoint of one phase winding is grounded, only se voltage to ground shall be durably and
	permanently m	arked by an outer finish that is $_$	in color or by other effective means.
	Δ.	numala	
		purple white	
		orange	
		yellow	
		, ee	
37			conductor Type SO-cord with three
	current-carrying	g 12 AWG conductors?	
	Δ	18A	
		20A	
		25A	
		30A	
38	. Heat-resistant	thermoplastic-insulation covering locations.	g 8 AWG conductors are listed for use in
		100ations.	
	A.	outdoor	
	B.	indoor	
	C.	wet	
	D.	dry and damp	
20	NA. Iti ina langu	ala aine ita that a mah tua ais as	
39			s of utilization equipment, and are not protected by ded conductors simultaneously, shall supply only
	an overcunent		ded conductors simultaneously, shall supply only
		line-to-neutral loads	
		three-phase loads	
		line-to-line loads	
	D.	line-to-ground loads	
40	Overhead cond	ductors for festoon lighting shall	not be smaller than 12 AWG unless the conductors
	are		
		_	
	A.	no longer than 50 feet in length	1
	B.	of the type THWN, THHN, or X	HHW
	C.	supported by messenger wires	
	D.	listed for use in damp locations	
11	Tan conductors	not over fee	et long and do not extend beyond the switchboard,
71			or control devices they supply shall be permitted
		ithout overcurrent protection at t	
		·	
	A.		
		10	
	C.	15	

A. grounded

42.	2. Where tap conductors supply a transformer and the total length of one primary plus one secondary conductor, excluding any portion of the primary conductor that is protected at its ampacity, is not over 25ft, conductors shall	
	B. b C. b	chall be protected at 200% the ampacity of the feeder being tapped. The protected at 125% the ampacity of the feeder being tapped to be permitted to be tapped, without overcurrent protection at the tapped without overcurrent protection at the tap
43.		erhead clearance from water level to an insulated overhead 240-volt feeder ool and supported on a steel messenger cable is feet.
	A. 1 B. 2 C. 2 D. 2	22.5 25
44.		rs, for each phase, polarity, neutral, or grounded circuit shall be permitted to be allel only in sizes
	B. 1 C. 2	/0 AWG and larger AWG and larger /0 AWG and larger /50 Kcmil and larger
45.		is in or on floors shall not be counted as part of the required number of unless located within inches of the wall.
	A. 6 B. 1 C. 1 D. 2	2 8
46.		lled in RMC in a trench below 2 inches of thick concrete must have a minimuminches.
	A. 6 B. 1 C. 1 D. 2	2 8
47.	means are locate the circuit conduct	stem, if the source of the separately derived system and the first disconnecting d in separate enclosures, a supply-side bonding jumper shall be installed with stors from the source enclosure to the first disconnecting means. A supply-side hall not be required to be larger than the conductors.

		derived ungrounded grounding electrode equipment
48.		nductor ampacity for a single-phase 240/120V Single-Family Dwelling rated be permitted to have an ampacity not less than of the service rating.
	B. C.	80% 83% 100% 125%
49.	protect wires from equivalent protect	ere the armor of cable terminates, a fitting shall be provided to om abrasion, unless the design of the outlet boxes or fittings is such as to afford ection, and, in addition, an insulating bushing or its equivalent protection shall be en the conductors and the armor.
	B. C.	AC MC NM UF
50.	connected load	and service load calculations shall be permitted for a dwelling unit having the total served by a single 120/240V or 208Y/120V set of service or feeder an ampacity of 100 or greater.
	B. C.	2-wire 3-wire parallel independent
51.		stalled in a kitchen to serve countertop surfaces shall be supplied by not fewer small-appliance branch circuit(s).
	B. C.	one two three four
52.		t supply one or more welders shall be protected by an overcurrent device rated or than percent of the conductor ampacity.
	C.	100 125 150 200

B. grounding

53.		ns, radio, and television coaxial cables shall be permitted at a height of not less
		above swimming and wading pools, diving structures, and observation stands,
	towers, or platfe	orms.
	A.	10ft
		12ft
	C.	18ft
	D.	25ft
54.		phase panel with exposed live parts on one side, and no live or grounded parts on
		of the working space, must have a minimum clear working distance of in front of the panel.
	A.	3 feet
	B.	3 feet 6 inches
	C.	4 feet
	D.	4 feet 6 inches
55.		-sectional area of a 2 inch EMT conduit is 3.356 square inches and has (6) 12 rs inside it. What is the total area allowed to be taken up by all conductors in this
	A.	2.343 square inches
	B.	2.013 square inches
	C.	1.566 square inches
	D.	1.342 square inches
56.	grounded parts	room with exposed 480/277V live parts on one side of the working space and on the other side of the working space, the minimum depth of working space in uipment shall be
	Α.	3 feet
	B.	3 feet 6 inches
	C.	4 feet
	D.	4 feet 6 inches
57.		e bonding jumper for a 240V single-phase service fed with (2) parallel 300 kcmil rounded conductors is aluminum.
	Δ	1/0
		2 AWG
		3/0
		4 AWG
58.	A concrete-end	eased electrode shall consist of at least 20 feet of:
	٨	Bare copper conductor not smaller than 4 AWG
	A	Date Grove Commission of Smaller man 4 AVVI

B. Insulated copper conductor not smaller than 4 AWGC. Bare copper conductor not smaller than 6 AWG

	D.	Insulated copper conductor not smaller than 6 AWG	
59.	in the tubing are	there the tubing is terminated in listed fittings and the circuit conductors contained a protected by overcurrent devices rated at 20A or less are allowed to be equipment grounding conductor.	
		Flexible Nonmetallic Tubing	
		Flexible metallic tubing	
		Electrical Nonmetallic Tubing	
	D.	Electrical Metallic Tubing	
60.	The operating handle of a circuit breaker shall be permitted to be accessible opening a door or cover.		
	A.	while	
		after	
		before	
	D.	without	
61.		that contains a(n) or uninsulated equipment grounding be used as an EGC.	
	A.	steel	
		insulated	
		shielded	
	D.	waterproof	
62.	material likely to circuit from any	system, electrical equipment, wiring, and other electrically conductive become energized shall be installed in a manner that creates a low-impedance point on the wiring system to the electrical supply source to facilitate the ercurrent devices should a second ground fault from a different phase occur on the	
	A.	1-phase 3-wire	
		3-phase 4-wire	
		ungrounded	
	D.	grounded	
63.	Overcurrent pro	otection for supply conductors as part of a Modular Data Center, shall:	
		consist of a single circuit breaker or set of fuses	
	B.	at no point be considered either as feeders or as taps. d) not require	
	0	supplementary overcurrent protection if below 150V to ground.	
	C.	be marked "OVERCURRENT PROTECTION PROVIDED AT MDC SUPPLY TERMINALS."	
	D.	Both A and C	

64. A dwelling has 9 ranges installed. Each range has a rating of 8 kW. What is the maximum demand load that should be used for calculating the service and feeder size?

	C.	24.5kW 25.2 kW 32.2kW
65.		maximum size inverse-time breaker to be installed as motor short-circuit and otection for a 25HP, 460V, 3-phase, squirrel-cage motor.
	B. C.	110A 90A 85A 70A
66.		Limited Circuits shall be supplied from a source that has a rated output of not volts and 1000 volt-amperes.
	B. C.	30 40 50 75
67.	The service dis	connecting means for each service shall consist of a combination of not more than switches or sets of circuit breakers.
	A. B. C. D.	2
68.	Busway runs the sections.	nat have sections located both inside and outside of buildings shall have a(n) at the building wall to prevent interchange of air between indoor and outdoor
	В. С.	bushing bonding bushing vapor seal 4 hour fire barrier
69.		x parking space equipment provided from either overhead gantry or cable ystems shall in electrified truck parking space supply
	В. С.	utilize a moisture-resistant power supply cable utilize a temporarily attached power supply cable utilize a twist lock power supply cable utilize a permanently attached power supply cable

A. 18.9kW

	nded to interrupt current at other than fault levels shall have an interrupting rating it voltage the current that must be interrupted.
A.	at least greater than
	matching
	at most, less than
D.	at least equal to
	al process heating equipment lampholders shall be permitted to be operated in s of, provided the voltage rating of the lampholders is not less
than the circuit	voltage.
Δ	over 150V to ground
	over 300V to ground
	over 50V to ground
	over 120V to ground
	I standby system wiring shall be permitted to occupyes, boxes, and cabinets with other general wiring.
raceways, cable	s, boxes, and cabinets with other general willing.
	only two
	separate
C.	nonmetallic
D.	the same
73. In generator set	s driven by a prime mover, a time-delay feature permitting a minimum
	setting shall be provided to avoid retransfer in case of short-time
reestablishment	t of the normal source.
A.	15-minute
B.	20-minute
C.	30-minute
D.	60-minute
74 There is a set o	f 3 overhead 7200V conductors supported on a solidly grounded messenger wire
	ne pool, and over the diving platform. What is the minimum clearance these
	t be from the diving platform?
A.	14.5 feet
	17 feet
	18 feet
	22.5 feet
Б.	22.3 1661
	t and ground-fault protection for a hermetic motor-compressor shall have a rating
	of the motor-compressor rated-load current - assuming the motor starts
successfully at t	his rating.
A.	125 %
B.	150 %

		175 % 225 %
76.	In instances of	areas within the same facility classified separately, Class I, Zone 2 locations shall
	be permitted to	Class I, Division 2 locations.
	А	be installed above
		abut, but not overlap
		overlap
		be installed below
77.	The radius of th	ne curve of the inner edge of any bend of Type SE cable, during or after
		all not be less than the diameter of the cable.
	A.	five times
	B.	six times
	C.	seven times
	D.	eight times
78.	A 3-phase 240\ bonding jumper	V service fed with 2/0 aluminum conductors shall have a minimum size main of what size?
	A.	2 AWG aluminum
	B.	4 AWG copper
	C.	6 AWG aluminum
	D.	6 AWG copper
79.	A receptacle ou	utlet is not required at one- and two-family dwellings for the service of
		·
	A.	AC condensers
	B.	evaporative coolers
	C.	hot water heaters
	D.	pool equipment
80.		t supply one or more resistance welders shall be protected by an overcurrent set at not more than of the conductor ampacity.
	A.	80%
	B.	125%
	C.	200%
	D.	300%
81.	In a building in	which critical operations power systems (COPS) are present with other types of
	power systems	described in other sections in this article, the cover plates for the receptacles or
	the receptacles	themselves supplied from the COPS shall
	A.	be labeled with its supplied voltage rating
	B.	have a distinctive color or marking so as to be readily identifiable

	D.	be bonded to the building grounding electrode conductor in a manner that establishes a low-impedance ground-fault path		
82.	Low-voltage suspended ceiling power distribution systems shall be permanently connected and shall be permitted for listed utilization equipment capable of operation at a maximum of			
	·			
	A.	60V AC		
		24.8V AC		
		30V AC		
	D.	42.4V AC		
83.	Where the AHJ can satisfactorily determine that flammable liquids having a flash point below			
		, will not be handled, such location shall not be required to be classified.		
	A.	104°F,		
		121°F		
		212°F		
	D.	100°F		
84.	Electrical service and feeders shall be calculated on the basis of not less than per electrified truck parking space.			
	A.	5 kVA		
	B.	8 kVA		
	C.	11 kVA		
	D.	12 kVA		
85.	Where	service disconnecting means in separate enclosures are grouped at		
	one location and supply separate loads from one service drop, one set of service-entrance conductors shall be permitted to supply each or several such service equipment enclosures.			
	A.	one to five		
	B.	one to six		
	C.	two to six		
	D.	three to six		
86.		res of battery support systems shall be provided with support e cells, or shall be constructed with a continuous insulating material.		
	A.	nonconducting		
		metallic		
	C.	independent		
	D.	reinforced		
87.		d conductors 4 AWG or larger are pulled straight through a multioutlet assembly, tween raceway and cable entries enclosing the same conductor shall not be less.		

C. be labeled with its circuit number and panel it's supplied from

- A. six times the metric designator (trade size) of the largest raceway.
- B. eight times the metric designator (trade size) of the largest raceway.
- C. two times the metric designator (trade size) of the largest raceway.
- D. four times the metric designator (trade size) of the largest raceway.
- 88. Each patient bed location shall be supplied by at least two branch circuits, one from the _____ and one from the normal system. All branch circuits from the normal system shall originate in the same panelboard.
 - A. isolated grounding system
 - B. emergency override
 - C. energy-storage system
 - D. critical branch

89.	The minimum b	ending radius for 1 inch nonmetallic underground conduit with conductors shall be
	no less than	·
	A.	18 inches
	B.	14 inches
	C.	12 inches

- 90. No conductor larger than _____ shall be installed, except by special permission, in Cellular Metal Floor Raceways
 - A. 3/0 AWG

D. 6 inches

- B. 2/0 AWG
- C. 1 AWG
- D. 1/0 AWG
- 91. Where multimotor and combination-load equipment is installed outdoors on a roof, an equipment grounding conductor of the wire type shall be installed in outdoor portions of metallic raceway systems that use
 - A. non-threaded fittings
 - B. expansion fittings
 - C. compression fittings
 - D. threaded fittings
- 92. Where structural reinforcing steel is not available or encapsulated in a nonconductive compound, a copper conductor(s) shall be utilized where all of the following requirements are met, except:
 - A. The required conductor shall be 450 to 600 mm (18 to 24 in) from the inside wall of the pool
 - B. The conductors shall follow the contour of the perimeter surface
 - C. The required conductor shall be secured within or under the perimeter surface 120 mm to 170 mm (6 in to 8 in) below the subgrade
 - D. At least one minimum 8 AWG bare solid copper conductor shall be provided

93.	33. A Class II or Class III, Division 1 or Division 2 location shall be permitted to be reclassified as a Zone 20, Zone 21, or Zone 22 location, provided that all of the space that is classified because of a single combustible dust or ignitible fiber/flying source is under the requirements of this article.				
	B. C.	reclassified identified classified			
	D.	listed			
94.		C conduit, Type RTRC conduit, or cable with a nonmetallic sheath is used, an shall be included to provide for electrical continuity of the raceway system and			
	for grounding o	f non–current- carrying metal parts.			
		grounding electrode conductor main bonding jumper			
	C.	equipment grounding conductor			
	D.	none of these			
95.	95. 22AWG control circuit conductors with 75°C insulation in a 30°C ambient environment shall have a maximum ampacity of for permanent amusement attractions.				
	A.	2A			
	B.	3A			
	C.	4A			
	D.	5A			
96.	The capacity of	the stand-alone supply shall be equal to or greater than the load posed by the utilization equipment(s) connected to the stand-alone system.			
	А	largest two			
		total combined load of all			
		smallest single			
	D.	largest single			
97.	• •	of the supply conductors for a resistance welder that may be operated at different not values of primary current or duty cycle shall not be less than of the rated primary current for seam and automatically fed welders, andof the rated primary current for manually operated nonautomatic welders.			
	A.	40% / 60%			
		50% / 70%			
	C.	60% / 40%			
	D.	70% / 50%			
98.	_	and control panels exceedingin width, there shall be one ch end of the equipment.			

D.	4 feet
• •	terminated in equipment shall be secured and supported at intervals notfrom terminations or a maximum ofbetween
A.	4 ft, 5 ft
	5 ft, 5 ft
C.	5 ft, 6 ft
D.	6 ft, 4 ft
•	buildings the bonding conductor used for equipotential planes shall be solid copper, ered or bare, and not smaller than
A.	2 AWG
B.	4 AWG
C.	6 AWG
D.	8 AWG

A. 6 feetB. 5 feetC. 4 ½ feet