

43. Where a service raceway enters a building or structure from an _____, it shall be sealed in accordance with 300.5(G).
- (a) transformer vault
 (b) underground distribution system
 (c) cable tray
 (d) overhead rack
44. Type UF cable used with a 24V landscape lighting system can have a minimum cover of _____ in.
- (a) 6
 (b) 12
 (c) 18
 (d) 24
45. The temperature rating associated with the ampacity of a _____ shall be selected and coordinated so as not to exceed the lowest temperature rating of any connected termination, conductor, or device.
- (a) terminal
 (b) conductor
 (c) device
 (d) all of these
46. Unless specifically listed and marked for the location, the _____ of electric vehicle supply equipment shall be stored or located at a height of not less than 24 in. above the grade level for outdoor locations.
- (a) attachment plugs
 (b) fittings
 (c) power outlets
 (d) coupling means
47. No parts of cord-connected luminaires, chain-, cable-, or cord-suspended luminaires, lighting track, pendants, or paddle fans shall be located within a zone measured 3 ft horizontally and _____ ft vertically from the top of the bathtub rim or shower stall threshold.
- (a) 4
 (b) 6
 (c) 8
 (d) 10
48. In completed installations, each outlet box shall have a _____.
- (a) cover
 (b) faceplate
 (c) canopy
 (d) any of these
49. PVC conduit can support nonmetallic conduit bodies not larger than the largest trade size of an entering raceway, but the conduit bodies shall not contain devices, luminaires, or other equipment.
- (a) True
 (b) False
50. Luminaires used in agricultural buildings shall _____.
- (a) minimize the entrance of dust, foreign matter, moisture, and corrosive material
 (b) be protected by a suitable guard if exposed to physical damage
 (c) be listed for use in wet locations when exposed to water
 (d) all of these

1. An auxiliary gutter is designed to contain _____.
 - (a) conductors
 - (b) overcurrent devices
 - (c) busways
 - (d) none of these
2. Electrical equipment that depends on _____ for cooling of exposed surfaces shall be installed so that room airflow over such surfaces is not prevented by walls or by adjacent installed equipment.
 - (a) outdoor air
 - (b) the natural circulation of air and convection principles
 - (c) artificial cooling and circulation
 - (d) magnetic induction
3. Audible and visual signal devices shall be provided on legally required standby systems, where practicable, to indicate _____.
 - (a) malfunction of the standby source
 - (b) that the standby source is carrying load
 - (c) that the battery charger is not functioning
 - (d) all of these
4. An atmosphere classified as hazardous Group G contains combustible dusts such as flour, grain, wood, plastic, and chemicals that are not included in Group E or Group F.
 - (a) True
 - (b) False
5. Except by special permission, no conductor larger than _____ AWG shall be installed in a cellular metal floor raceway.
 - (a) 1
 - (b) 1/0
 - (c) 4/0
 - (d) none of these
6. HDPE conduit can be joined using _____.
 - (a) heat fusion
 - (b) electrofusion
 - (c) mechanical fittings
 - (d) any of these
7. Ventilation openings for transformer vaults shall be located as far as possible from _____.
 - (a) doors
 - (b) windows
 - (c) combustible material
 - (d) all of these
8. General-purpose branch circuits wired with flat conductor cable shall not be rated more than _____.
 - (a) 15A
 - (b) 20A
 - (c) 30A
 - (d) 40A
9. Indoor transformers of greater than _____ rating shall be installed in a transformer room of fire-resistant construction.
 - (a) 75 kVA
 - (b) 87½ kVA
 - (c) 112½ kVA
 - (d) 35,000 kVA
10. No _____ shall be attached to any terminal or lead so as to reverse the designated polarity.
 - (a) grounded conductor
 - (b) grounding conductor
 - (c) ungrounded conductor
 - (d) grounding connector