

20. For ungrounded systems, noncurrent-carrying conductive materials enclosing electrical conductors or equipment, or forming part of such equipment, shall be connected together and to the supply system grounded equipment in a manner that creates a low-impedance path for ground-fault current that is capable of carrying ____.
- (a) the maximum branch-circuit current
 - (b) at least twice the maximum ground-fault current
 - (c) the maximum fault current likely to be imposed on it
 - (d) the equivalent of the main service rating
21. Service conductors shall not be installed beneath openings through which materials may be moved and shall not be installed where they will obstruct entrance to these buildings' openings.
- (a) True
 - (b) False
22. Type MC cable containing four or fewer conductors, sized no larger than 10 AWG, shall be secured within ____ in. of every box, cabinet, fitting, or other cable termination.
- (a) 8
 - (b) 12
 - (c) 18
 - (d) 24
23. "Overhead service conductors" are the conductors between the ____ and the first point of connection to the service-entrance conductors at the building or other structure.
- (a) service disconnect
 - (b) service point
 - (c) grounding electrode
 - (d) equipment grounding conductor
24. In a dwelling unit, illumination from a lighting outlet shall be provided on the exterior side of each outdoor entrance or exit that has grade-level access.
- (a) True
 - (b) False
25. Parking garages used for parking or storage can be considered as an unclassified location.
- (a) True
 - (b) False
26. Additional services shall be permitted for different voltages, frequencies, or phases, or for different uses, such as for ____.
- (a) gymnasiums
 - (b) different rate schedules
 - (c) flea markets
 - (d) special entertainment events
27. Luminaires using a ____ lamp, that is subject to physical damage and installed in playing and spectator seating areas of indoor sports, mixed-use, or all-purpose facilities, shall be of the type that protects the lamp with a glass or plastic lens.
- (a) mercury vapor
 - (b) metal halide
 - (c) fluorescent
 - (d) a or b
28. In Class I, Division 1 locations, transformers, impedance coils, and resistors, along with any switching mechanism associated with them, shall be provided with enclosures identified for ____.
- (a) Class I, Division 1 locations
 - (b) control transformer duty
 - (c) general duty
 - (d) NEMA 3R
29. Installed supply circuits and interconnecting cables identified for future use in information technology equipment rooms shall be marked with a tag of sufficient durability to withstand the environment involved which shall include the ____.
- (a) date the cable was identified for future use
 - (b) date of intended use
 - (c) intended future use of the cable
 - (d) all of these
30. The disconnecting means for an elevator or escalator shall be an enclosed externally operable circuit breaker or fused motor circuit switch that is ____.
- (a) capable of interrupting six times the locked-rotor current
 - (b) lockable
 - (c) inherently protected
 - (d) suitable for use as service equipment

31. Receptacles and cord connectors having equipment grounding conductor contacts shall have those contacts connected to a(n) _____ conductor.
- (a) grounded
 - (b) ungrounded
 - (c) equipment grounding
 - (d) neutral
32. In agricultural building locations where surfaces are periodically washed or sprayed with water, boxes, conduit bodies, and fittings shall be listed for use in wet locations.
- (a) True
 - (b) False
33. When a building is supplied with a fire sprinkler system, ENT can be installed above any suspended ceiling.
- (a) True
 - (b) False
34. A box shall not be required where cables or conductors from cable trays are installed in bushed conduit and tubing used as support or for protection against _____.
- (a) abuse
 - (b) unauthorized access
 - (c) physical damage
 - (d) tampering
35. Luminaires attached to the framing members of a suspended ceiling shall be secured to the framing member(s) by mechanical means such as _____.
- (a) bolts
 - (b) screws
 - (c) rivets
 - (d) any of these
36. Where the box is mounted on the surface, direct metal-to-metal contact between the device yoke and the box shall be permitted to ground the receptacle to the box if at least _____ of the insulating washers of the receptacle is(are) removed.
- (a) one
 - (b) two
 - (c) three
 - (d) four
37. Class I, Division 1 locations are those in which ignitable concentrations of _____ can exist under normal operating conditions.
- (a) combustible dust
 - (b) easily ignitable fibers or flyings
 - (c) flammable gases or flammable liquid-produced vapors
 - (d) pyrotechnics
38. There shall be no more than _____ disconnects installed for each service or for each set of service-entrance conductors as permitted in 230.2 and 230.40.
- (a) two
 - (b) four
 - (c) six
 - (d) eight
39. A load is considered to be continuous if the maximum current is expected to continue for _____ hour(s) or more.
- (a) ½
 - (b) 1
 - (c) 2
 - (d) 3
40. The _____ of electric vehicle supply equipment located indoors shall be located not less than 18 in. above the floor level.
- (a) attachment plugs
 - (b) fittings
 - (c) power outlets
 - (d) coupling means
41. Examples of assembly occupancies include _____.
- (a) restaurants
 - (b) conference rooms
 - (c) pool rooms
 - (d) all of these
42. Ground-fault circuit-interrupter protection for personnel shall be provided for cables installed in electrically heated floors of _____.
- (a) bathrooms
 - (b) hydromassage bathtub locations
 - (c) kitchens
 - (d) all of these