

Understanding The NEC – Articles 90-200

Based on the 2020 NEC®

Test

1. What is the purpose of the NEC? Choose the best answer.
 - a. Intended to be a design manual
 - b. Meant to be used as an instruction manual
 - c. For the practical safeguarding of persons and property
 - d. Published by the Bureau of Standards

2. The Code contains provisions considered necessary for safety, which will not necessarily result in _____.
 - a. Efficient use
 - b. Convenience
 - c. Good service or future expansion of electrical use
 - d. All of these

3. By special permission, the authority having jurisdiction may waive specific requirements in this Code where it is assured that equivalent objectives can be achieved by establishing and maintaining effective safety.
 - a. True
 - b. False

4. The NEC defines a (n) “_____” as a structure that stands alone or that is separated from adjoining structures by fire walls.
 - a. Unit
 - b. Apartment
 - c. Building
 - d. Utility

5. A (n) _____ is a device, or group of devices, by which the conductors of a circuit can be disconnected from their source of supply.
 - a. Feeder
 - b. Enclosure
 - c. Disconnecting means
 - d. Conductor interrupter

6. A building that contains three or more dwelling units is called a “_____”.
 - a. One-family dwelling
 - b. Two-family dwelling
 - c. Dwelling unit
 - d. Multifamily dwelling

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7. Connected to ground without the insertion of any resistor or impedance device is referred to as "_____".
- Grounded
 - Solidly grounded
 - Effectively grounded
 - A grounding conductor
8. A _____ location is protected from weather and not subject to saturation with water or other liquids but subject to moderate degrees of moisture.
- Dry
 - Damp
 - Wet
 - Moist
9. A single receptacle is a single contact device with no other contact device on the same _____.
- Circuit
 - Yoke
 - Run
 - Equipment
10. NFPA 70E---Standard for Electrical Safety in the Workplace, provides information to help determine the electrical safety training requirements expected of a qualified person.
- True
 - False
11. The continuity of a grounded conductor shall not depend on a connection to _____.
- A metallic enclosure
 - A raceway
 - Cable Armor
 - Any of these
12. Receptacle outlets in or on floors shall not be counted as part of the required number of receptacle outlets for dwelling unit wall spaces, unless they are located within _____ in. of the wall.
- 6
 - 12
 - 18
 - 24

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13. The receptacle outlet required for indoor electrical service equipment for electrical service areas shall not be required to be used for _____.
- Multifamily occupancies
 - Assembly occupancies
 - One- and two- family dwellings
 - Equipment pits
14. For the purpose of 210.65, examples of rooms that are not meeting rooms include_____.
- Auditoriums
 - School rooms
 - Coffee shops
 - All of these
15. Overhead Service-drop conductors shall have_____.
- Sufficient ampacity to carry the load
 - Adequate mechanical strength
 - A & b
 - None of the above
16. Where fuses are used as the service overcurrent device, the disconnecting means shall not be located ahead of the line side of the fuses in accordance with 230.91.
- True
 - False
17. Single-pole breakers with identified handle ties can be used to protect each ungrounded conductor for line-to-line connected loads in single-phase systems.
- True
 - False
18. Overcurrent devices are not permitted to be located in the bathrooms of _____.
- Dwelling units
 - Dormitories
 - Guest rooms or guest suites of hotels and motels
 - all of these
19. Grounding electrodes of the rod type other than _____ inch in diameter shall be listed.
- 1/2"
 - 5/8"
 - 3/4"

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20. Grounding electrode conductors of the wire type shall be _____.
- Solid or Stranded Insulated, covered, or bare
 - Green
 - None of these
 - Any of these
21. Lightning protection system ground terminals _____ be bonded to the building or structure grounding electrode system.
- Shall
 - Shall not
 - Shall be permitted to
 - None of these
22. Arc-fault circuit-Interrupter protection can be found in which article?
- 110
 - 210.8
 - 210.12
 - 400
23. GFCI protection for Dwelling units can be found in which article?
- 200.7
 - 210.8(A)
 - 210.12
 - 210.52
24. In Dwelling units at least one 15A or 20A, 125V receptacle outlet shall be installed in bathrooms within _____ ft. from the outside edge of each bathroom basin.
- 1
 - 3
 - 6
 - 12
25. GFCI protection is required for dishwasher outlets for dwelling units.
- True
 - False