

Unit 1 Introduction to the National Electric Code®

Multiple Choice

1. The NEC® arose as a consensus of more than 1200 individuals primarily to ____.
- a. standardize price schedules
 - b. combat a growing epidemic of electrical fires
 - c. standardize equipment
 - d. use as a marketing tool

ANSWER: b

2. Which agency is responsible for the maintenance and publication of the NEC®?
- a. National Association of Electrical Engineers (NAEE)
 - b. National Firefighters Association (NFA)
 - c. Underwriter's Laboratory (UL)
 - d. National Fire Protection Association (NFPA)

ANSWER: d

3. NEC® tables such as 210.21(B)(3) present a requirement's ____.
- a. multiple application possibilities
 - b. pricing structures
 - c. revision schedules
 - d. governing agencies

ANSWER: a

4. Mandatory rules in the NEC® contain the language ____.
- a. "must" or "must not"
 - b. "shall" or "shall not"
 - c. "penalties for noncompliance"
 - d. "suggested but discretionary"

ANSWER: b

5. Formal interpretations of the NEC® are governed by ____.
- a. regional construction authorities
 - b. Underwriter's Laboratories
 - c. OSHA
 - d. NFPA

ANSWER: d

6. In addition to installation rules, the NEC® is concerned with the ____.
- a. types of installation methods
 - b. electrical contractor licensing requirements
 - c. type and quality of electrical wiring system materials
 - d. supervising agency

ANSWER: c

7. The term "labeled" means that ____.

- a. equipment or material must continue to comply with the appropriate standards (or performance) under which the labeling was granted
- b. equipment, materials, or services meet appropriate designated standards or have been tested and found suitable for a specified purpose
- c. equipment or material complies with discretionary standards as listed in the NEC®
- d. equipment or material is labeled for sale to general or subcontractors

ANSWER: a

8. The term "listed" means that ____.

- a. equipment, materials, or services meet appropriate designated standards or have been tested and found suitable for a specified purpose
- b. equipment or material must continue to comply with the appropriate standards (or performance) under which the labeling was granted
- c. equipment or material complies with discretionary standards as listed in the NEC®
- d. equipment or material is listed for sale by general or subcontractors

ANSWER: a

9. The NRTL program specified in the Code of Federal Regulations ____.

- a. regulates training standards
- b. regulates labor standards for electrical contractors
- c. accredits and regulates independent laboratories
- d. accredits electrical material manufacturing facilities

ANSWER: c

10. The UL logo indicates that ____.

- a. the listed product is guaranteed to be risk free
- b. the listed product complies with UL standards
- c. the product complies with OSHA standards
- d. independent testing was performed in Underwriter's Laboratories

ANSWER: b

11. The word luminaire refers to ____.

- a. the light source only
- b. a complete lighting unit
- c. the lampholder
- d. parts to position the light source

ANSWER: b

12. The Illustrated Guide to the NEC® should be used as a(n) ____.

- a. supplement to the NEC®
- b. index for the NEC®
- c. graphical substitution for the NEC®

d. replacement for difficult sections of the NEC®

ANSWER: a

13. Local ordinances ____.

a. may adopt the NEC® as written

b. are superceded by the NEC®

c. are included in most copies of the NEC®

d. must be amended to accommodate specific wiring diagrams

ANSWER: a