

#1

The *National Electrical Code (NEC)* __.

Select one:

- ☐ a. covers all electrical work, from utility generation to household wiring ✖
- ☐ b. is a design guide ✖
- ☒ c. provides minimum installation requirements

Feedback

Your answer is correct.

The correct answer is: provides minimum installation requirements

#2

Installations covered by the *NEC* include which of the following?

Select one:

- ☐ a. Industrial substations ✖
- ☐ b. Installations on public and private premises ✖
- ☐ c. Recreational vehicles, floating buildings, and mobile homes ✖
- ☒ d. All of the above

Feedback

Your answer is correct.

The correct answer is: All of the above

#3

NEC Chapters 1-4 apply to ? .

Select one:



a. all installations ✖



b. all installations except as modified by Chapters 5, 6, and 7



c. only Chapter 8 ✖



d. none of the above ✖

Feedback

Your answer is correct.

The correct answer is: all installations except as modified by Chapters 5, 6, and 7

#4

NEC Chapter 8 covers ? systems and ? subject to Chapters 1-7 unless specifically referenced.

Select one:



a. communications / is ✖



b. communications / is not



c. emergency / is ✖



d. emergency / is not ✖

Feedback

Your answer is correct.

The correct answer is: communications / is not

#5

Chapter 9 of the *NEC* contains which of the following?

Select one:

- ☐ a. Auxiliary information that is not enforceable ✖
- ☐ b. Engineering tables that are only intended to be used by electrical designers ✖
- ☐ c. Load calculation examples ✖
- ☒ d. Tables that are applicable and enforceable when referenced elsewhere in the *Code*

Feedback

Your answer is correct.

The correct answer is: Tables that are applicable and enforceable when referenced elsewhere in the *Code*

#6

Definitions that are specific to a particular article are located in which of the following sections?

Select one:

- ☒ a. xxx.1 ✖
- ☐ b. xxx.2
- ☐ c. xxx.10 ✖
- ☐ d. xxx.12 ✖

Feedback

Your answer is correct.

The correct answer is: xxx.2

#7

Article 110 covers ? requirements for wiring and equipment.

Select one:

☐ a. conditional ✖

☒ b. general

☐ c. simple ✖

☐ d. specific ✖

Feedback

Your answer is correct.

The correct answer is: general

#8

The basis of ampacity calculations is found in 110.14(C).

Select one:

☒ True

☐ False ✖

Feedback

The correct answer is 'True'.

#9

Temperature ratings of equipment, overcurrent devices, and conductors must be ? and ? to not exceed the lowest rated element of the circuit.

Select one:

- ☐ a. approved / installed ✖
- ☐ b. picked / chosen ✖
- ☒ c. selected / coordinated
- ☐ d. none of the above ✖

Feedback

Your answer is correct.

The correct answer is: selected / coordinated

#10

Requirements for branch circuits and AFCI/GFCI protection of branch circuits are found in ?.

Select one:

- ☐ a. Article 200 ✖
- ☒ b. Article 210
- ☐ c. Article 230 ✖
- ☐ d. Article 240 ✖

Feedback

Your answer is correct.

The correct answer is: Article 210

#11

The ? load for listed occupancies is based on Table 220.12.

Select one:



a. lighting



b. receptacle ✖



c. service ✖



d. transformer ✖

Feedback

Your answer is correct.

The correct answer is: lighting

#12

Which of the following calculations are covered in Article 220?

Select one:



a. Residential, commercial, industrial service, and feeder



b. Taps, motors, transformer OCPD ✖



c. Utility distribution network ✖



d. None of the above ✖

Feedback

Your answer is correct.

The correct answer is: Residential, commercial, industrial service, and feeder

#13

The tables in Article 310 identify ?.

Select one:

- ☐ a. allowable ampacity of conductors based on conductor size and material ✖
- ☐ b. ampacity adjustment and correction factors ✖
- ☐ c. wire types and application ✖
- ☒ d. all of the above

Feedback

Your answer is correct.

The correct answer is: all of the above

#14

NEC 110.14(C) requires conductor ampacity to be ?.

Select one:

- ☐ a. based on overcurrent protection rules in Article 240 ✖
- ☐ b. chosen based on ambient temperature only ✖
- ☒ c. coordinated with equipment termination ratings
- ☐ d. none of the above ✖

Feedback

Your answer is correct.

The correct answer is: coordinated with equipment termination ratings

#15

According to Article 625, EVSE is equipment that has the specific purpose of transferring energy from ? to the electric vehicle.

Select one:

- ☐ a. a DC power source ✖
- ☐ b. a generator ✖
- ☒ c. the premises wiring system
- ☐ d. the utility ✖

Feedback

Your answer is correct.

The correct answer is: the premises wiring system

#16

Overcurrent protection for EVSE is covered in ?.

Select one:

- ☐ a. Section 625.1 ✖
- ☐ b. Section 625.21 ✖
- ☐ c. Section 625.31 ✖
- ☒ d. Section 625.41

Feedback

Your answer is correct.

The correct answer is: Section 625.41

#17

EVSE output cable is permitted to be made from Type ? cable and is generally permitted to have a maximum length of ?.

Select one:



a. EVJT / 25'



b. MI / 25' ✖



c. SJO / 20' ✖



d. SO / 20' ✖

Feedback

Your answer is correct.

The correct answer is: EVJT / 25'

#18

EVSE must be equipped with a(n) ? that prevents the charging plug from being accidentally energized before it is connected to the vehicle.

Select one:



a. cap ✖



b. cover ✖



c. guard ✖



d. interlock

Feedback

Your answer is correct.

The correct answer is: interlock

#19

EVSE equipment shall have means to ? the charging cable if strain is placed upon it that could rupture the cable or connector, leading to exposure of live parts.

Select one:



a. de-couple ✖



b. deenergize



c. release ✖



d. retract ✖

Feedback

Your answer is correct.

The correct answer is: deenergize

#20

EVSE shall have a(n) ? system for shock protection for personnel.

Select one:



a. approved ✖



b. labeled ✖



c. listed

☐ d. marked ✖

Feedback

Your answer is correct.

The correct answer is: listed

#21

When an EV and EVSE is used to facilitate power supply as an interactive power production source, which article must be applied?

Select one:

☐ a. Article 700 ✖

☐ b. Article 702 ✖

☐ c. Article 704 ✖

☒ d. Article 705

Feedback

Your answer is correct.

The correct answer is: Article 705

#22

When an EV and its EVSE is used as a power supply for an optional standby system, requirements found in ? are applied.

Select one:

☐ a. Article 700 ✖

☒ b. Article 702

- ☐ c. Article 704 ✖
- ☐ d. Article 705 ✖

Feedback

Your answer is correct.

The correct answer is: Article 702

#23

The NECA 413-2012 Standard is the only ANSI-approved standard for EVSE installation and maintenance.

Select one:

☒ True

☐ False ✖

Feedback

The correct answer is 'True'.

#24

NECA 413-2012 contains ? requirements for EVSE installation, covering everything from planning an installation to ADA considerations and commissioning process.

Select one:

☐ a. basic ✖

☐ b. complete ✖

☒ c. performance-based

☐ d. suggested ✖

Feedback

Your answer is correct.

The correct answer is: performance-based

#25

Commercially installed Level 2 EVSEs are generally ? units.

Select one:

- ☐ a. 6.6kW
- ☒ b. 10.4kW ✖
- ☐ c. 16.6 kW ✖
- ☐ d. 19.2kW ✖

Feedback

Your answer is correct.

The correct answer is: 6.6kW