

NEC Practice Test Questions and Answers

1. What is a common cause of electrical fires?

- A) Overloaded circuits.
- B) Proper grounding.
- C) Using the right type of wire for installation.
- D) Using appropriate electrical components.

2. Why is grounding important for electrical safety?

- A) Grounding increases the current flow in the system.
- B) Grounding provides a path for fault currents to be safely dissipated into the earth.
- C) Grounding reduces the need for overcurrent protection.
- D) Grounding decreases the efficiency of the electrical system.

3. Why is grounding essential in electrical systems?

- A) To reduce the overall energy consumption of electrical systems.
- B) To ensure that electrical faults are safely directed to the ground.
- C) To improve the aesthetic of electrical installations.
- D) To enhance the efficiency of the electrical systems.

4. What is the purpose of grounding electrical systems?

- A) To prevent damage to electrical appliances.
- B) To ensure proper voltage regulation.
- C) To protect against electrical shocks and fires.
- D) To minimize energy consumption.

Answers: 1-A 2-B 3-B 4-C

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