

# Electrician Practice Test Questions and Answers

## 1. What is an arc flash hazard?

- A) A hazard from touching a live wire with bare hands
- B) A sudden release of energy caused by an electrical fault that produces extreme heat and blast pressure
- C) A hazard from static electricity discharge
- D) Overheating of a circuit due to sustained overload

## 2. What does NEC Article 230 cover?

- A) Grounding and bonding
- B) Overcurrent protection
- C) Services
- D) Branch circuits

## 3. What is a 'separately derived system'?

- A) A circuit protected by a GFCI breaker
- B) A system with no direct electrical connection to the supply side conductors of another system
- C) A feeder that has its own dedicated panel
- D) Any circuit over 50 amps

## 4. What does 'service entrance' refer to?

- A) The physical door to the electrical room
- B) The conductors and equipment that bring power from the utility to the building's main disconnect
- C) The meter base installed by the utility
- D) The grounding electrode system

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

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