

### **Electrical Safety STP Evaluation:**

1. Which Montgomery County Fire/Rescue Line of Duty Death was a result of an electrical shock?

- A. James Nicewarner
- B. Fred Dunn
- C. Wesley Biggs
- D. Ronald Biggs

2. What activity was the firefighter in question 1 performing?

- A. Lowering a ground ladder
- B. Pulling an electric meter
- C. Checking downed power lines
- D. Rescuing an unconscious worker from a manhole

3. What is the function of a circuit breaker?

- A. Opens the circuit when a break in the ground wire is detected
- B. Opens the circuit when an arc fault is detected
- C. Opens the circuit when the current going into an appliance is different than the current returning from the appliance along the circuit conductors
- D. Opens the circuit when too much current flows through it

4. What is the function of a ground fault circuit interrupter?

A. Opens the circuit when a break in the ground wire is detected

B. Opens the circuit when an arc fault is detected

C. Opens the circuit when the current going into an appliance is different than the current returning from the appliance along the circuit conductors

D. Opens the circuit when too much current flows through it

5. "Grounding" a tool or electrical system means intentionally creating a low-resistance path that connects to the earth.

A. True

B. False

6. The only electrical protective device whose sole purpose is to protect people is the:

A. Ground fault circuit interrupter

B. Fuse

C. Circuit breaker

D. Small circuit load center

7. What happens when electrical conductors are inadvertently energized by other energy sources?

A. Backfeed

B. Ground fault

C. Static electricity

D. The circuit breaker trips

8. Pure water is a poor conductor.

A. True

B. False

9. What is the first step to controlling electric to a house?

A. Turn off the main disconnect in the circuit breaker panel

B. Turn off the individual circuit breakers in the circuit breaker panel

C. Turn off the individual circuit breakers in the small circuit load center

D. Request PEPCO to remove electric meter

10. The padlocks in the lock out/tag out kit are all keyed alike.

A. True

B. False