Electrical Safety Post Test

Instructor(s): __________________________  Name: __________________________
Class: __________________________  Date: __________________________
Location: __________________________  Results: __________________________

Instructions

Answer the questions to the best of your ability. When completed, please remain in your seat quietly until everyone has finished.

1) What are substances with high resistance to electricity like glass, porcelain, plastic, and dry wood that prevent electricity from getting to unwanted areas?
   a. Conductors
   b. Insulators
   c. Grounding

2) Low voltage does not mean low hazard.
   a. True
   b. False

3) There are (4) hazards associated with electricity, and they are:
   a. RF Radiation, Chemical Burns, Heat Exposure, & Falls
   b. Falls, Shocks, Burns, & Death
   c. Death, Hypothermia, Mesothelioma, & Silicosis

4) The path electricity takes to ground has no effect on the damage to a human body.
   a. True
   b. False
5) Which of the following hazards associated with electricity is the most common?
   a. Shocks
   b. Burns
   c. Electrocutions
   d. Falls

6) Arc flash is:
   a. A grounding method.
   b. Not harmful to humans.
   c. An electrical strengthening of the resistance of air.
   d. An electrical breakdown of the resistance of air.

7) What causes arc flashes/blasts?
   a. Overvoltage across narrow gaps
   b. A, C, & D
   c. Failure of insulating materials
   d. Dust and impurities

8) The following are all included in the Electrical Safety Program except:
   a. Training
   b. PPE
   c. Heat/Cold Stress
   d. Policies & Procedures
   e. Tools & Equipment

9) An Electrical Safety Program does not necessarily need to be in working order before workers are exposed to the hazards relating to it.
   a. True
   b. False

10) Electrical injuries are the 5th highest cause of industrial fatalities.
    a. True
    b. False