Name: Date:

**1)** The threshold at which you cannot let go of energized materials begins at \_\_\_\_\_\_\_ milliamps of electricity.

A. 10-25

B. 30-50

C. 75-100

D. 200

**2)** According to OSHA, the general duty clause requires workplaces to be \_\_\_\_\_\_\_.

A. Dusted twice in a 24-hour period

B. Free from recognized hazards

C. Open to the public during regular business hours

D. Secured with a chain link fence and barbed wire

**3)** Only the \_\_\_\_\_\_\_\_\_\_ can determine if someone is qualified.

A. Director of qualifications

B. Employer

C. Building owner

D. Department of electricity

**4)** Check all that apply. When hiring a contractor you should always \_\_\_\_\_\_.

A. Alert the contractor to known hazards covered by 70E

B. Provide adequate information about installation so the contractor can make informed safety assessments

C. Report contractor employee safety violations to the contractor

D. Document the meeting

**5)** Check all that apply. Contractors are responsible for \_\_\_\_\_\_.

A. Informing employees of all potential hazards specific to the installation and requiring that safe work practices are followed

B. Hiding evidence of faulty wiring from host employer

C. Alerting the host employer of any unique hazards presented by contractor’s work

D. Informing the host employer of any hazards encountered that host employer did not mention

E. Reporting measures taken to correct any violations of required safe work practices

F. Documenting the meeting

**6)** Check all that apply. An arc flash hazard can occur when \_\_\_\_\_\_.

A. Exposed parts are present

B. Wires come into contact with dry air

C. Someone is racking a circuit breaker

D. Someone is using tools or test equipment

**7)** Over \_\_\_\_\_\_\_\_\_\_ people are admitted into burn centers each year with severe electrical burns.

A. 100

B. 750

C. 2,000

D. 8,500

**8)** Around \_\_\_\_\_\_\_ of electrical injuries are burns from arc flash.

A. 20%

B. 45%

C. 65%

D. 80%

**9)** Choose all that apply. What is required to enter the shock protection boundaries?

A. Proper PPE

B. Training on the hazards involved

C. A voltage meter

D. A qualified escort if you are not qualified

**10)** Choose all that apply. What can reduce the risk of arc hazards?

A. De-energizing equipment

B. Modifying equipment to reduce arc potential

C. Working faster in hazardous conditions

D. Replacing equipment with safer designs

**11)** Never wear conductive articles in areas with electrical hazards.

A. True

B. False

**12)** Establishing worker safety boundaries from shock and arc flash is good electrical safety habit.

A. True

B. False

**13)** Check all that apply. Which of the following occupations face a higher than normal risk of accidents when working in hazardous proximity to exposed electric circuits operating at 50 volts or more to ground?

A. Painters

B. Mechanics and repairers

C. Stationary engineers

D. Welders

**Answer Key**

1. A

2. B

3. B

4. A, B, C & D

5. A, C, D, E & F

6. A, C & D

7. C

8. D

9. A, B & D

10. A, B & D

11. A

12. A

13. A, B, C & D