

## EET1033 H-1 wo EV Manager

### Multiple Choice

Identify the choice that best completes the statement or answers the question.

- \_\_\_\_\_ 1. Never work on an energized electrical circuit unless \_\_\_\_\_.  
a. told to do so by your supervisor  
b. it is not possible to disconnect the power  
c. you are sure you can safely make the repairs  
d. a and c only
- \_\_\_\_\_ 2. The most dangerous path for electrical shock through the body is \_\_\_\_\_.  
a. foot to foot  
b. hand to foot  
c. foot to hand  
d. hand to hand
- \_\_\_\_\_ 3. A current of 2 to 3 milliamperes passing through the body will generally cause \_\_\_\_\_.  
a. the heart to go into fibrillation  
b. muscular paralysis and breathing difficulty  
c. a person to seize the line and not be able to let go  
d. a slight tingling sensation
- \_\_\_\_\_ 4. \_\_\_\_\_ volts is generally the most dangerous to work with because it causes a current flow of 100 to 200 milliamperes through the body.  
a. 50  
b. 120  
c. 240  
d. 600
- \_\_\_\_\_ 5. The mission of the \_\_\_\_\_ is to ensure safe and healthful workplaces in the United States.  
a. Department of Labor  
b. Department of Commerce  
c. Bureau of Workman's Compensation  
d. none of the above
- \_\_\_\_\_ 6. A current of 20 to 30 milliamperes passing through the body will generally cause \_\_\_\_\_.  
a. the heart to go into fibrillation  
b. muscular paralysis and breathing difficulty  
c. a person to seize the line and not be able to let go  
d. a slight tingling sensation
- \_\_\_\_\_ 7. A current of 100 to 200 milliamperes passing through the body will generally cause \_\_\_\_\_.  
a. the heart to go into fibrillation  
b. muscular paralysis and breathing difficulty  
c. a person to seize the line and not be able to let go  
d. a slight tingling sensation
- \_\_\_\_\_ 8. When a person puts a lock on a piece of equipment to lock it out, the key is kept by \_\_\_\_\_.  
a. the shift supervisor  
b. the maintenance foreman  
c. the person installing the lock  
d. none of the above
- \_\_\_\_\_ 9. An electrician's hard hat should be made of \_\_\_\_\_.  
a. aluminum  
b. plastic  
c. steel  
d. tungsten
- \_\_\_\_\_ 10. A safety harness and lanyard should be worn when working more than \_\_\_\_\_ feet above the floor or ground.  
a. 4  
c. 8



- \_\_\_\_\_ 24. What occurs when an intermittent gap between conductors or a conductor and ground permits current to jump between the two conductive surfaces.
- a. ground-fault
  - b. arc-fault
  - c. minimum current
  - d. intermittent open
- \_\_\_\_\_ 25. Which type of arc-fault is generally caused by loose connections?
- a. series
  - b. parallel