

## ELT 201 Mid Term Exam

Instructor: Drew Lindsey

Name: \_\_\_\_\_

Class: ELT 201

Date: \_\_\_\_\_

Test #

Results: \_\_\_\_\_

Carefully read each question, and circle the letter next to the correct answer.

1. Climbing equipment should be inspected \_\_\_\_\_.
  - a. Weekly
  - b. Monthly
  - c. Yearly
  - d. Before each use
  
2. Why is it important to “sound” a pole (strike it with a hammer) before climbing?
  - a. To determine its age
  - b. To check the softness of its shell
  - c. To determine if the core is solid
  - d. To determine if it is firmly set in the ground
  
3. What is the most important measurement on a body belt?
  - a. D-size
  - b. Length
  - c. Width
  - d. Diameter

4. Which of the following terms is another way of defining voltage?
  - a. Resistance
  - b. Current
  - c. Electromotive force
  - d. Coulomb
  
5. Resistance in a circuit is measured in?
  - a. Volts
  - b. Ohms
  - c. Amps
  - d. Joules
  
6. Current equals voltage divided by \_\_\_\_\_.
  - a. Watts
  - b. Volts
  - c. Joules
  - d. Resistance
  
7. Step potential is a difference of potential between \_\_\_\_\_.
  - a. Two ground rods
  - b. The primary and secondary sides of a transformer
  - c. A persons feet
  - d. A vehicle and the ground
  
8. Rubber gloves should be inspected \_\_\_\_\_.
  - a. Every six months
  - b. Once a week
  - c. Once a year
  - c. Before each use
  
9. Entry into a confined space begins?
  - a. When the permit is issued
  - b. When you cross the thresh hold
  - c. When work begins
  - d. When all of the workers have been assigned a job

10. The mounting hardware used to isolate an energized conductor from the pole structure is a(n) \_\_\_\_\_.
- a. Isolator
  - b. D.A. bolt
  - c. Plastic bushing
  - d. Insulator
11. When installing conductors, the devices used to smoothly guide the conductor between poles are?
- a. Conductor grips
  - b. Shiv blocks
  - c. Stringing blocks
  - d. Carriage bolts
12. The amount of drop in a span of mounted conductors is a(n) \_\_\_\_\_.
- a. Drop
  - b. Cant
  - c. Guy
  - d. Sag
13. A hand tool used to remove soil from the bottom of a pole hole is called a?
- a. Spoon
  - b. Spade
  - c. Drift
  - d. Jenny
14. What is the depth of a hole required to set a 30 foot pole in soil?
- a. 3'
  - b. 4'
  - c. 5'
  - d. 6'

15. Pole holes should be tamped only after being filled completely.

- a. True
- b. False

16. What is the name of the piece of hardware in this picture?



- a. elbow arrester
- b. primary bushing
- c. load break elbow
- d. secondary bushing

17. If an elbow surge arrester is being added to a two-bushing transformer located at the end of a radial feed URD system, the best place to install the surge arrester is in the \_\_\_\_\_.

- a. Tap selector opening
- b. Bayonet fuse holder
- c. Elbow connection at either secondary
- d. Unoccupied bushing of the transformer

18. A type of URD system in which both ends of the system are connected to the same phase of an overhead primary is called a \_\_\_\_\_.
- Radial-feed system
  - Double feed system
  - Cross feed system
  - Loop-feed system
19. The three primary components of a personal fall arrest system are \_\_\_\_\_.
- Anchor points, a body harness, and a vertical life line
  - Anchor points, a body harness, and connecting devices
  - A body harness, connecting devices, and a shock absorbing lanyard
  - Anchor points, connecting devices, and a shock absorbing lanyard
20. All of the following items are considered by OSHA to be acceptable fall prevention systems for working at heights above 6 feet except for \_\_\_\_\_.
- The two climber buddy system
  - A guardrail system
  - A safety net system
  - Personal fall protection
21. Personal safety equipment that has been involved in a fall arrest must be \_\_\_\_\_.
- Inspected by the manufacturer before reusing
  - Field-tested at the appropriate load rating before reusing
  - Taken out of service
  - Tagged and used only for fall restraint