

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 _____.
- a. Radial-feed system
 - b. Double feed system
 - c. Cross feed system
 - d. Loop-feed system
19. The three primary components of a personal fall arrest system are _____.
- a. Anchor points, a body harness, and a vertical life line
 - b. Anchor points, a body harness, and connecting devices
 - c. A body harness, connecting devices, and a shock absorbing lanyard
 - d. 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 _____.
- a. The two climber buddy system
 - b. A guardrail system
 - c. A safety net system
 - d. Personal fall protection
21. Personal safety equipment that has been involved in a fall arrest must be _____.
- a. Inspected by the manufacturer before reusing
 - b. Field-tested at the appropriate load rating before reusing
 - c. Taken out of service
 - d. Tagged and used only for fall restraint