

Trainee Name: _____

Social Security Number: _____ Date: _____

- _____ 1. Where several conductors are pulled together, they should be arranged _____ on the fish tape.
- side by side
 - staggered
 - criss-crossed
 - overlapped
- _____ 2. Normally, you need all of the following in a wire-pulling operation *except* _____.
- a wire caddy
 - lubricant
 - basket grips
 - scaffolding
- _____ 3. The best device for transporting very large cable reels is a _____.
- cable reel transporter
 - standard dolly
 - forklift
 - crane
- _____ 4. The device used to inspect a raceway system is a _____.
- mandrel
 - fish tape
 - pull rope
 - clevis
- _____ 5. Two clevis types are _____.
- straight and round
 - straight and swivel
 - round and rope
 - winding and pulling
- _____ 6. A _____ wire-pulling rope is not commonly used today.
- nylon
 - hemp
 - polypropylene
 - multiplex polyester
- _____ 7. The primary reason for selecting the proper rope for a cable pull is _____.
- cost
 - speed
 - safety
 - accuracy
- _____ 8. The number of wraps on the _____ decides the amount of force applied to the pull.
- puller drum (capstan)
 - ramp
 - clevis
 - mandrel
- _____ 9. The amount of pulling force with three wraps and ten pounds of operator force is _____ pounds.
- 24
 - 106
 - 512
 - 1,127
- _____ 10. The ends of 1,000 kcmil conductors can be trimmed using _____.
- scissors
 - cable cutters
 - pliers
 - a cable reamer

- _____ 11. The substance used to lessen the friction inside a raceway during a wire pull is _____.
- wire-pulling lubricant
 - silicone spray
 - an oil-soaked swab
 - axle grease
- _____ 12. The feed-in setup should unreel the cable _____.
- in a reverse S formation
 - in a circular manner
 - with a polygon curvature
 - along its natural curvature
- _____ 13. Long lengths of cable can be pulled using _____.
- cable grips
 - tape
 - wire coat hangers
 - cotton rope
- _____ 14. When pulling cable, you should check all of the following *except* _____.
- conduit sizes
 - number of bends
 - sufficient pull boxes
 - service ampacity
- _____ 15. When conductors in vertical raceways must be supported, one cable support shall be provided _____.
- as close to the bottom of the conduit run as practical
 - every 20'
 - as close to the middle of the conduit run as practical
 - at the top or as close to the top of the raceway as practical
- _____ 16. A runaway in a vertical pull is caused by _____.
- pulling short runs
 - cable weight and gravity
 - cable that is too heavy
 - cable that is the wrong size
- _____ 17. A good place to find data for pulling certain brands of cables is from _____.
- the cable-pulling manual
 - the NEC®
 - manufacturers' catalogs
 - trade journals
- _____ 18. The maximum recommended sidewall pressure for 25kV to 35kV power cable is _____ pounds/foot of bend radius.
- 25
 - 100
 - 300
 - 1,000
- _____ 19. The main purpose of a dynamometer is _____.
- tracing conductors
 - reading friction during a cable pull
 - reading the length of cable runs
 - testing cable insulation
- _____ 20. The purpose of sealing cable ends when reels of cable are in storage is _____.
- to keep moisture from creeping in
 - to prevent an electrical shock
 - for identification purposes
 - to protect the cable insulation