ACTIVITY ANSWER KEY

Chapter 4, Section 1

Check your answers with this Answer Key. Answers separated by commas may be in any order. Answers separated by semicolons must be in stated order. Correct all errors, then complete your next goal.



Lesson 1:
A New Job

1. Dealers
2. (b) False
3. journeyman electrician
4. apprentice; 5
5. (b) False
6. residential
7. (b) businesses buying/selling . . .
8. (a) works under the direction of . . .
9. brother; mother
10. (b) False
11. (a) apprentice
    (b) journeyman
    (c) master
12. $29.00
13. (b) False
14. (b) False
15. *"Every job is a self portrait of the person who does it. Autograph your work with excellence."*



Lesson 2:
The First Day's Travel

1. (c) a record of day-to-day activities
2. light
3. instinctively
4. predictable
5. (a) True
6. (a) True
7. function
8. (c) generators
9. substation
10. service drop
11. UL, NEC
12. (d) protect customers
13. (a) safety
14. (b) inserted his time card into a . . .
15. *"Keep company with good men, and good men you will imitate."*



Lesson 3:
Practice Safety

1. safety
2. (b) False
3. circuit breakers (or breaks)
4. 200, 100
5. rooms; appliances
6. (c) fire
7. (c) give or receive a fatal or . . .
8. breaks
9. (a) breaks the flow of current in . . .
10. (any order)
    (a) overloaded circuit
    (b) short circuit
    (c) loose wires on circuit . . .
11. (b) False
12. stop; interrupt
13. x (a) Knock the person off the wire . . .
    x (b) Shut off the electrical current . . .
14. (c) CPR
15. heart, lung
16. **A**irway; **B**reathing; **C**irculation
17. x (a) Feel for exhaled air.
    x (b) Listen for exhaled air.
    __(c) Check person's pulse.
    x (d) watch for up and down chest . . .

18. tongue
19. (a) Lift chin, tilt head back.
20. (a) True
21. (d) all of these
22. *"You have to prepare yourself so that when the time comes, you are ready."*



Lesson 4:
Strapping on the Tools

1. (b) False
2. tool belt, supplies
3. terminology
4. (b) leather
5. strip, crimp, cut
6. lineman's/electrician's
7. (any two) long nose, chain nose, needle nose
8. (c) head construction
9. ammeter
10. amperage, voltage
11. (d) a clamp-on ammeter
12. (a) True
13. (c) make sure the apprentice does not do something dangerous
14. (a) ammeter
    (b) flat screwdriver
    (c) lineman's/electrician's pliers
    (d) wire crimper/stripper
    (e) phillips screwdriver
    (f) long nose pliers
15. *"Many receive advice; only the wise profit by it."*



Lesson 5:
Finding the Power

1. (b) False
2. (b) estimate the amount of material for the job
3. solid, stranded
4. (c) gauge
5. 12
6. (a) 'hot'
7. (b) False
8. black, red
9. white
10. Green, yellow; copper
11. (b) False
12. (b) False
13. (b) check to see if the circuit is "open" by using a voltage tester
14. (a) True
15. (a) copper
16. (b) romex cable
17. (a) circuit breaker
    (b) Romex cable
18. *"Learn by experience--preferably other people's."*

Ask for your QUIZ over Section 1.
Reminder: Students who score 85% or higher on the three section quizzes may be exempt from the chapter test!