

Name: _____ Date: _____

1. Rotating tools are used to assemble or disassemble parts that are connected by what means?
 - a) By being welded
 - b) By being tied
 - c) By nails or rivets
 - d) By threaded fasteners

2. What is the term for that kind of wrench that has a closed end and is used to tighten or loosen nuts or bolts?
 - a) Monkey wrench
 - b) Spanner wrench
 - c) Box-end wrench
 - d) Pipe wrench

3. What is the term for a short (two to four foot) pike pole designed for use in tight spaces?
 - a) Closet hook
 - b) K tool
 - c) Porta power
 - d) Baker pole

4. With a pry bar, the bar acts as a _____ to multiply the amount of force the person could otherwise apply.
 - a) ratchet
 - b) gear
 - c) spring
 - d) lever

5. What is one example of a hand powered hydraulic spreader tool?
 - a) Spanner tool
 - b) Pompier tool
 - c) Rabbet tool
 - d) Pitot tool

6. What is one application for a rabbet tool?
 - a) Opening doors quickly
 - b) Stretching hose quickly
 - c) Opening a hydrant quickly
 - d) Hurling a rope quickly

7. What makes a hammer a mallet?
 - a) Head filled with sand or bird shot
 - b) Use requires both hands
 - c) Short handle and round head
 - d) Small round ball on one side of head

8. In addition to cutting, what can a flat-head axe be used for that a pick-head axe cannot?
- a) Ventilating a roof
 - b) Prying an outward-opening door
 - c) Striking another tool
 - d) Prying an inward-opening door
9. When a spring-loaded center punch is used to break tempered automobile glass, what happens to the glass?
- a) A pencil-size hole is made in the glass.
 - b) The glass spiderwebs but remains intact.
 - c) The glass shatters into small pieces.
 - d) A round, coaster-size hole is made in the glass.
10. What type of saw is used for cutting curves in wood?
- a) A coping saw
 - b) A carpenter's handsaw
 - c) A hacksaw
 - d) A circular saw
11. There are two disadvantages to using power saws instead of hand saws, one being that they are heavy to carry. What is the other?
- a) They can be hard to start.
 - b) Some of them require licensing.
 - c) They tend to produce slower results.
 - d) Their exhaust gases can fan the fire.
12. What is one use for high-pressure lift air bags?
- a) Lifting vehicles
 - b) Shoring trenches
 - c) Cushioning falls
 - d) Ventilating confined spaces
13. When should fire fighters start to think about what tools they might need for a given call?
- a) Only when a specific need for a specific tool occurs
 - b) During suppression activities
 - c) During forcible entry
 - d) During response
14. What tool is used to pull out a cylinder lock mounted in a wood or heavy metal door?
- a) Rabbet tool
 - b) Hux bar
 - c) K tool
 - d) Axe

15. What is one tool from the basic set of interior firefighting tools?
- a) A prying tool b) A twisting tool c) A hydraulic tool d) A pneumatic tool
16. What is one non-mechanical tool sometimes used in search and rescue?
- a) Porta-power b) Simple car jack c) Hand winch d) Lifeline
17. What does the R stand for in RIC?
- a) Responder b) Response c) Radiant d) Rapid
18. What type of ventilation occurs when clean air is blown into a structure to force fire gases out?
- a) Outside-in b) Positive pressure c) Cyclic replacement d) First in, first out
19. What does vertical ventilation require that horizontal ventilation does not?
- a) Positive-pressure fans
b) Holes in the roof or highest part of the building
c) Negative-pressure fans
d) Airtightness everywhere but the vent opening
20. Which tool is used to pull down a ceiling?
- a) Pike pole b) K tool c) Rabbet tool d) Spanner wrench
21. Which tools are used to open floors?
- a) Coping saws and sledge hammers c) K tools and axes
b) Sledge hammers and K tools d) Axes and saws
22. Which is an example of a debris-removal tool used during overhaul?
- a) Axe b) Halligan tool c) Shovel d) Pike pole

23. In what condition should the fuel tanks on power tools be left when not in use?
- a) Full
 - b) Approximately half full
 - c) Almost empty—the engine should be run until it runs out of gas
 - d) Absolutely empty and dry—the tank should be drained at its low point
24. How often should power equipment be tested?
- a) Daily
 - b) Frequently
 - c) Infrequently
 - d) Rarely
25. What guide should be used when cleaning power tools used in ventilation?
- a) The applicable NFPA standard
 - b) The ANSI guides on tool maintenance
 - c) The manufacturer's instructions
 - d) Common sense and a thorough job

Answer Key

1. d
2. c
3. a
4. d
5. c
6. a
7. c
8. c
9. c
10. a
11. a
12. a
13. d
14. c
15. a
16. d
17. d
18. b
19. b
20. a
21. d
22. c
23. a
24. b
25. c