Using Shipyard Portable Tools

Pre-Test

NAME: _________________________________DATE:_________________________

True or False: For each statement below, circle T or F

1. T F Hand tools are considered an extension of our hands and arms.
2. T F Hand tools should be visually checked before each use.
3. T F Hammer handle length does not matter.
4. T F Hammers with a cracked claw can be used to “hammer” but not to “pull”.
5. T F A safety knife should not be used on board a ship.

Multiple Choice: For each of the following questions, circle the most appropriate letter

6. While using a safety knife, always cut
   a. Away from your body
   b. On a hard surface
   c. Both ‘a’ and ‘b’
   d. None of the above

7. A safety knife should be
   a. Oiled
   b. Sharp
   c. Both ‘a’ and ‘b’

8. A wrench can be used
   a. As a hammer
   b. While spreaders are sprung
   c. Both are acceptable
   d. Neither are acceptable

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9. Most experts recommend that torque wrenches be checked:
   a. Weekly
   b. At least every year
   c. Every day
   d. Whenever you remember

10. A “mushroom” on a chisel should be
   a. Removed by a grinder
   b. Removed by a hammer
   c. Left alone
   d. “Mushrooms” do not apply to chisels

11. A chisel can be used
   a. Like a hammer
   b. With a hammer
   c. As a screwdriver
   d. None of the above

True or False: For each statement below, circle T or F

12. **T** F  An offset screwdriver is used like a wrench.

13. **T** F  An impact screwdriver is designed to be hit by a hammer.

Circle the letter of the proper pliers.

14. A B C D E  Slipjoint

15. A B C D E  Needle nose

16. A B C D E  Multi-groove/Channel Lock

17. A B C D E  Diagonal

18. A B C D E  Vise Grip/Locking
Fill in the blank

19. A **SNIPS** is used to cut thin sheets of metal or carpet.

20. Always wear **Gloves** when cutting to protect your hands.

21. The cutting **Blade** of a hacksaw is replaceable.

True or False: For each statement below, circle T or F

22. **T** F Clean each tool before placing it back in the tool box.

23. **T** F It isn’t necessary to release the tension on a “clicker”-type torque wrench.

24. **T** F It is *usually* the employer’s responsibility to provide PPE.

25. **T** F PPE is worn to grind if the grinder guard is broken.

26. **T** F Always start and stop the grinder on or near the material.

Multiple Choice: For each of the following questions, circle the most appropriate letter

27. Before mounting an abrasive wheel on a grinder, you should perform a
   a. **Ring Test**
   b. **Visual Inspection**
   c. **Drop Test**
   d. Both ‘a’ and ‘b’

28. A drill should have
   a. A **Constant Pressure Switch**
   b. **On/Off Switch**
   c. Only ‘a’
   d. Both ‘a’ and ‘b’

29. To prevent the wheel from cracking on an abrasive wheel, check
   a. With your supervisor
   b. The brand name
   c. **Guidelines of the wheel**
   d. Serial Number
30. A drill should be inspected:
   a. Weekly
   b. At the end of the day
   c. After lunch
   d. Before each use

31. You should check the condition of power cords and plugs:
   e. Weekly
   f. At the end of the day
   g. After lunch
   h. Before each use

True or False: For each statement below, circle T or F

32. T  F  It is recommended to predrill all holes.
33. T  F  Drill slower for metal and high speed for thick wood.
34. T  F  A stringer light can be used as an extension cord provided it is 18 gauge.