Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Fire Service Ladders Quiz**

1. \_\_\_\_\_The main structural members of a ladder are the\_\_\_\_.
   1. Trusses
   2. Beams
   3. Rungs
   4. Rails
2. \_\_\_\_\_The lowest or widest section of an extension ladder is called the \_\_\_\_ section.
   1. Bed
   2. Base
   3. Main
   4. All of the above
3. \_\_\_\_\_ What prevents the fly section of an extension ladder from being overextended?
   1. Stops
   2. Locks
   3. Guides
   4. Truss blocks
4. \_\_\_\_\_ The bottom of the ladder that is placed on the ground is called the \_\_\_\_.
   1. Bed
   2. Beam
   3. Butt
   4. Base
5. \_\_\_\_\_ What are the slots or channels on an extension ladder that hold the fly sections in place after it has been extended?
   1. Stops
   2. Guides
   3. Rails
   4. Pawls
6. \_\_\_\_\_ The most common length of single ladders is:
   1. 8 to 16 feet
   2. 12 to 39 feet
   3. 12 to 24 feet
   4. 6 to 32 feet
7. \_\_\_\_\_ Which of the following ladders have one or more fly sections?
   1. Single
   2. Roof
   3. Extension
   4. Combination
8. \_\_\_\_\_Combination ladders range from \_\_\_ to \_\_\_ feet in length.
   1. 8 to 14
   2. 10 to 16
   3. 12 to 24
   4. 6 to 32
9. \_\_\_\_\_Most modern pole ladders are no longer than \_\_\_ feet in length.
   1. 35
   2. 40
   3. 45
   4. 50
10. \_\_\_\_\_NFPA 1931 requires that ladders \_\_\_ feet and longer be equipped with staypoles.
    1. 35
    2. 40
    3. 45
    4. 50
11. \_\_\_\_\_Which of the following ladder construction types is generally a poor conductor of electricity?
    1. Metal
    2. Wood
    3. Fiberglass
    4. All fire service ladder construction types are generally poor conductors of electricity.
12. \_\_\_\_\_Which ladder construction type is the heaviest per linear foot?
    1. Metal
    2. Wood
    3. Fiberglass
    4. All fire service ladder construction types weigh about the same per linear foot.
13. \_\_\_\_\_ “Keeping in a state of usefulness or readiness” best defines:
    1. Maintenance
    2. Repair
    3. Upkeep
    4. All of the above
14. \_\_\_\_\_ “To restore or replace what is damaged or worn out” best defines:
    1. Maintenance
    2. Repair
    3. Upkeep
    4. None of the above
15. \_\_\_\_\_NFPA \_\_\_\_ is the standard for ground ladder testing.
    1. 1929
    2. 1930
    3. 1931
    4. 1932
16. \_\_\_\_\_NFPA 1901 recommends that pumpers or engines carry a \_\_\_ foot extension ladder in areas where no ladder trucks are in service.
    1. 24
    2. 28
    3. 35
    4. 50
17. \_\_\_\_\_Residential stories average about \_\_\_ feet.
    1. 10
    2. 12
    3. 15
    4. 18
18. \_\_\_\_\_Commercial stories average about \_\_\_ feet.
    1. 10
    2. 12
    3. 15
    4. 18
19. \_\_\_\_\_The three firefighter flat-shoulder carry is usually used on extension ladders up to \_\_\_ feet in length
    1. 35
    2. 40
    3. 45
    4. 50
20. \_\_\_\_\_When climbing a ladder, the desired angle of inclination is \_\_\_\_ degrees
    1. 35
    2. 45
    3. 55
    4. 75