Stairways & Ladder Quiz 120

Instructions **Fee $100 or $20**

1. Print these pages and Click Here for the **necessary** OSHA reference materials.
2. Answer the **Simple questions** that closely follow the reference materials in a **consecutive** order.
3. Circle the correct answers and transfer the answers to the answer sheets (see last 3 pages).
4. Page down to the last page for the verification form, answer sheets and mailing instructions.

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12. Journeyman Plumber-Restricted Appliance
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15. Boiler-Pressure Vessel Inspector
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Introduction

1. OSHA rules apply to all stairways and ladders used in _____ of worksites covered by OSHA's construction safety and health standards.
   a. repair
   b. painting
   c. beautifying
   d. both a & b

General Requirements

2. These rules specify when employers must provide stairways and ladders. In general, the standards require the following: When there is a break in elevation of _____ or more and no ramp, runway, embankment or personnel hoist is available, employers must provide a stairway or ladder at all worker points of access.
   a. 29 inches
   b. 48 cm
   c. both a & b
   d. none of the above
3. These rules specify when employers must provide stairways and ladders. In general, the standards require the following: When there is only one point of access between levels, employers must keep it clear of obstacles to permit free passage by workers. If free passage becomes restricted, employer's _____ provide a second point of access and ensure that workers use it.
   a. should
   b. may
   c. must
   d. all of the above

4. These rules specify when employers must provide stairways and ladders. In general, the standards require the following: When there are more than two points of access between levels, employers must ensure that _____ point of access remains clear.
   a. at least one
   b. both
   c. both a & b
   d. none of the above
5. In addition, employers must install all stairway and ladder fall protection systems required by these rules and ensure that their worksite meets all requirements of the stairway and ladder rules before employees use stairways or ladders. See ____ CFR 1926.1050-1060 for the details of the standard.
   a. X
   b. L
   c. 29
   d. none of above
6. The standard does not apply to ladders specifically manufactured for scaffold access and egress, but does apply to _____ ladders intended for general purpose use.
   a. job-made
   b. manufactured permanent
   c. both a & b
   d. none of the above
7. Rules for ladders used on or with scaffolds are addressed in 29 *CFR* 1926.451 Subpart ___.
   a. X
   b. L
   c. 29
   d. none of above

Rules for Ladders

8. The following rules apply to all ladders:
   a. Do not use ladders on slippery surfaces unless secured or provided with slip-resistant feet to prevent accidental movement.
   b. The use of slip resistant feet as a substitute for exercising care when placing, lashing or holding a ladder upon slippery surfaces is acceptable.
   c. Use ladders equipped with a conductive side rails if the worker or the ladder could contact exposed energized electrical equipment.
   d. all of the above
9. The following rules apply to all ladders:
   a. Maintain ladders with oil, grease, or sealer to preserve the wood finish.
   b. Face the ladder when moving up or down.
   c. Use at least one hand to grasp the ladder when climbing.
   d. both b & c
10. The following rules apply to all ladders: Secure ladders placed in areas such as _____, or where they can be displaced by workplace activities or traffic to prevent accidental movement. Or use a barricade to keep traffic or activity away from the ladder.
   a. passageways
   b. doorways
   c. driveways
   d. all of the above
11. The following rules apply to all ladders: Use two hands to grasp the ladder when climbing.
   a. true
   b. false

12. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: Double-cleated ladders or two or more ladders must be provided when ladders are the only way to enter or exit a work area where ___ or more employees work or when a ladder serves simultaneous two-way traffic.
    a. 10
    b. 20
    c. 15
    d. none of the above
13. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: Rungs, cleats and steps of portable and fixed ladders (except as provided below) must not be spaced less than _____ apart, nor more than _____ apart, along the ladder's side rails.
    a. 10 inches, 14 inches
    b. 25 cm, 36 cm
    c. 14 inches, 10 inches
    d. both a & b
14. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: Rungs, cleats and steps of step stools must not be less than ____ inches apart, nor more than ___ inches apart, between center lines of the rungs, cleats and steps.
    a. 6, 12
    b. 8, 12
    c. 9, 12
    d. 8, 18
15. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: Rungs, cleats and steps at the base section of extension trestle ladders must not be less than ___ inches nor more than ___ inches apart, between center lines of the rungs, cleats and steps.
    a. 6, 12
    b. 8, 12
    c. 9, 12
    d. 8, 18
16. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: The rung spacing on the extension section of an extension trestle ladder must not be less than ___ inches nor more than ___ inches.
    a. 6, 12
    b. 8, 12
    c. 9, 12
    d. 8, 18
17. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: Ladders must be tied or fastened together adequately to create longer sections unless they are specifically designed for such use.
    a. true
    b. false
18. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: When splicing side rails, the resulting side rail minimum must be ____ in strength to a one-piece side rail made of the same material.
    a. 2 times
    b. 3 times
    c. 4 times
    d. none of the above
19. Ladders must not be tied or fastened together to create longer sections unless they are specifically designed for such use.

a. true
b. false

20. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: Two or more separate ladders used to reach an elevated work area must be offset with a platform or landing between the ladders, except when _____ ladders are used to gain access to fixed ladders.
a. cage
b. fixed
c. portable
d. none of the above

21. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: _____ ladders must not be coated with any opaque covering except for identification or warning labels, which may be placed only on one face of a side rail.
a. aluminum
b. fiberglass
c. wood
d. all of the above

22. In addition, the following general requirements apply to all ladders, including ladders built at the jobsite: Ladder components must be surfaced to prevent snagging of clothing and injury from_____.
a. punctures
b. lacerations
c. both a & b
d. none of the above

23. A _____ must inspect ladders for visible defects periodically and after any incident that could affect their safe use.
a. OSHA agent
b. manufacturer's representative
c. competent person
d. none of the above

Specific Types of Ladders

24. Do not use _____ rail ladders.
a. D
b. single
c. double
d. all of the above

25. Use non-self-supporting ladders at an angle where the horizontal distance from the top support to the foot of the ladder is approximately _____ of the working length of the ladder.
a. 1/8
b. 1/4
c. 1/3
d. 1/2

26. Use wooden ladders built at the jobsite with spliced side rails at an angle where the horizontal distance is ___ of the working length of the ladder.
a. 1/8
b. 1/4
c. 1/3
d. 1/2

27. In addition, the top of a non-self-supporting ladder must be placed with ____ rails supported equally unless it is equipped with a single support attachment.
a. 1
b. 2

c. 3
d. 4

Stepladders

28. The use of the top or top step of a stepladder as a step is acceptable.
a. true
b. false
29. Do not use cross bracing on the rear section of stepladders for climbing unless the ladders are _____ with steps for climbing on both front and rear sections.
a. designed
b. provided
c. both a & b
d. none of the above
30. _____ must be provided on stepladders to hold the front and back sections in an open position when ladders are being used.
a. Metal spreader
b. Limiting devices
c. Fiberglass spreader
d. all of the above

Portable Ladders

31. The minimum clear distance between side rails for all portable ladders must be _____ inches.
a. 11
b. 12
c. 11.5
d. 12.5
32. In addition, the _____ of portable metal ladders must be corrugated, knurled, dimpled, coated with skid-resistant material or treated to minimize slipping.
a. rails
b. rungs
c. steps
d. both b & c
33. Non-self-supporting and self-supporting portable ladders must support at least _____times the maximum intended load.
a. 2
b. 3
c. 4
d. 3.3
34. Extra heavy-duty type 1A metal or plastic ladders must sustain ___times the maximum intended load.
a. 2
b. 3
c. 4
d. 3.3
35. To determine whether a self-supporting ladder can sustain a certain load, apply the load to the ladder in a downward vertical direction with the ladder placed at a horizontal angle of _____degrees.
a. 60
b. 75
c. 75.5
d. 65.5
36. When portable ladders are used for access to an upper landing surface, the side rails must extend at least _____ above the upper landing surface.

a. 1’
b. 2’
c. 2.5’
d. .9 m

37. When the above question #36 extension is not possible, the ladder must be secured and a grasping device such as a grab rail must be provided to assist workers in mounting and dismounting the ladder.
a. true
b. false

Fixed Ladders

38. If the total length of the climb on a fixed ladder equals or exceeds_____, the ladder must be equipped with ladder safety devices
a. 50’
b. 150’
c. 20’
d. 24’

39. If the total length of the climb on a fixed ladder equals or exceeds 24 feet the ladder must be equipped with self-retracting lifelines and rest platforms at intervals not to exceed ____.
a. 50’
b. 150’
c. 20’
d. 24’

40. If the total length of the climb on a fixed ladder equals or exceeds 24 feet, the ladder must be equipped with a cage or well and multiple ladder sections with each ladder section not to exceed ____ in length.
a. 50’
b. 150’
c. 20’
d. 24’

41. These ladder sections must be offset from adjacent sections and landing platforms must be provided at maximum intervals of _____.
a. 50’
b. 150’
c. 20’
d. 24’

42. In addition, fixed ladders must meet the following requirements: Fixed ladders must be able to support at least two loads of _____ each, concentrated between any two consecutive attachments. Fixed ladders must also support added anticipated loads caused by ice buildup, winds, rigging and impact loads resulting from using ladder safety devices.
a. 240 pounds
b. 113 kg
c. both a & b
d. none of the above

43. In addition, fixed ladders must meet the following requirements: Individual rung/step ladders must extend at least ____ inches above an access level or landing platform either by the continuation of the rung spacing as horizontal grab bars or by providing vertical grab bars that must have the same lateral spacing as the vertical legs of the ladder rails.
a. 24
b. 36
c. 42
d. 48

44. In addition, fixed ladders must meet the following requirements: Minimum perpendicular clearance between fixed ladder rungs, cleats, and steps and any obstruction behind the ladder must be ___ inches, except that the clearance for an elevator pit ladder must be ___ inches.
    a. 6, 3.5
    b. 7, 4.5
    c. 8, 4.5
    d. 7, 3.5
45. In addition, fixed ladders must meet the following requirements: Minimum clear distance between the sides of individual rung/step ladders and between the side rails of other fixed ladders must be __ inches.
    a. 12
    b. 14
    c. 16
    d. 18
46. In addition, fixed ladders must meet the following requirements: Each step or rung of a fixed ladder must be able to support a load of at least ____ pounds applied in the middle of the step or rung.
    a. 225
    b. 250
    c. 275
    d. 300
47. In addition, fixed ladders must meet the following requirements: Fixed ladders without cages or wells must have at least a _____clearance width to the nearest permanent object on each side of the centerline of the ladder.
    a. 15-inch (38 cm)
    b. 14-inch (36 cm)
    c. 13-inch (32 cm)
    d. none of the above
48. In addition, fixed ladders must meet the following requirements: Fixed ladders must be provided with cages, wells, ladder safety devices or self-retracting lifelines where the length of climb is less than _____ feet but the top of the ladder is at a distance greater than _____feet above lower levels.
    a. 15, 15
    b. 42, 42
    c. 24, 24
    d. 30, 30
49. In addition, fixed ladders must meet the following requirements: Side rails of through or side-step fixed ladders must extend _____ inches above the top level or landing platform served by the ladder. Parapet ladders must have an access level at the roof if the parapet is cut to permit passage through it.
    a. 24
    b. 36
    c. 42
    d. 48
50. In addition, fixed ladders must meet the following requirements: If the parapet is continuous, the access level is the top of the average height of parapet.
    a. true
    b. false
51. In addition, fixed ladders must meet the following requirements: When safety devices are provided, the maximum clearance distance between side rail extensions must not exceed _____.
    a. 24 inches
    b. 36 inches
    c. 48 inches
    d. 12 inches

52. In addition, fixed ladders must meet the following requirements: Steps or rungs for through-fixed-ladder extensions must be omitted from the extension; and the extension of side rails must be flared to provide between _____ clearance between side rails.
    a. 24 inches and 30 inches
    b. 22 inches and 28 inches
    c. 61 cm and 76 cm
    d. both a & c
53. In addition, fixed ladders must meet the following requirements: Fixed ladders must be used at a pitch no greater than ____degrees from the horizontal, measured from the back side of the ladder.
    a. 60
    b. 75
    c. 90
    d. 120

Cages for Fixed Ladders

54. The requirements for cages for fixed ladders are as follows: Horizontal bands must be fastened to the side rails of rail ladders or directly to the _____ for individual-rung ladders.
    a. structure
    b. building
    c. element
    d. both a & b
55. The requirements for cages for fixed ladders are as follows: Horizontal bars must be on the inside of the vertical bands and must be fastened to them.
    a. true
    b. false
56. The requirements for cages for fixed ladders are as follows: Cages must not extend less than___ inches, or more than ___ inches from the centerline of the step or rung and must not be less than ___ inches wide.
    a. 30, 30, 27
    b. 27, 30, 27
    c. 30, 27, 30
    d. none of the above
57. The requirements for cages for fixed ladders are as follows: Insides of cages must be clear of projections.
    a. true
    b. false
58. The requirements for cages for fixed ladders are as follows: Horizontal bands must be spaced at intervals not more than ___ feet apart measured from centerline to centerline.
    a. 2
    b. 3
    c. 4
    d. 9.5
59. The requirements for cages for fixed ladders are as follows: Vertical bars must be spaced at intervals not more than ___ inches, measured centerline to centerline.
    a. 2
    b. 3
    c. 4
    d. 9.5
60. The requirements for cages for fixed ladders are as follows: Bottoms of cages must be between ___ feet and ___ feet above the point of access to the bottom of the ladder. The bottom of the cage must be flared not less than ___ inches between the bottom horizontal band and the next higher band.

a. 6, 8, 4
b. 7, 8, 4
c. 8, 9, 4
d. 7, 8, 5

61. The requirements for cages for fixed ladders are as follows: Tops of cages must be a minimum of ___ inches above the top of the platform or the point of access at the top of the ladder. There must be a way to access the platform or other point of access.

a. 24
b. 36
c. 42
d. 48

Wells for Fixed Ladders

62. The requirements for wells for fixed ladders are as follows:

a. Wells must completely encircle the ladder.
b. Wells must be free of projections.
c. Inside widths of wells must be at least 24 inches
d. both a & b

63. The requirements for wells for fixed ladders are as follows: Inside faces of wells on the climbing side of the ladder must extend between ___ inches and ___ inches from the centerline of the step or rung.

a. 26, 29
b. 27, 31
c. 27, 30
d. 28, 30

64. The requirements for wells for fixed ladders are as follows: Bottoms of wells above the point of access to the bottom of the ladder must be between ___ feet and ___ feet.

a. 8, 7
b. 8, 8
c. 7, 8
d. none of the above

Ladder Safety Devices and Related Support Systems for Fixed Ladders

65. The connection between the carrier or lifeline and the point of attachment to the body belt or harness must not exceed ___ inches in length.

a. 6
b. 8
c. 9
d. 12

66. In addition, ladder safety devices and related support systems on fixed ladders must conform to the following: All safety devices must be able to withstand, without failure, a drop test consisting of a _____ pound weight dropping ____ inches.

a. 400, 18
b. 500, 20
c. 500, 18
d. 500, 16

67. In addition, ladder safety devices and related support systems on fixed ladders must conform to the following: All safety devices must be activated within ___ feet after a fall occurs and limit the descending velocity of an employee to ___ feet/second or less.

a. 2, 7
b. 3, 7

c. 2, 8
d. 3, 8

68. In addition, ladder safety devices and related support systems on fixed ladders must conform to the following: All safety devices must permit the worker to ascend or descend without continually having to hold, push or pull any part of the device, leaving at least one hand free for climbing.
a. true
b. false

Requirements for Mounting Ladder Safety Devices for Fixed Ladders

69. The requirements for mounting ladder safety devices for fixed ladders are as follows: Mountings for rigid carriers must be attached at each end of the carrier, with intermediate mountings spaced along the _____ of the carrier, to provide the necessary strength to stop workers' falls.
a. exterior
b. interior
c. entire length
d. all of the above

70. The requirements for mounting ladder safety devices for fixed ladders are as follows: Mountings for flexible carriers must be attached at each end of the carrier. Cable guides for flexible carriers must be installed with spacing between ___ feet and ___ feet along the entire length of the carrier, to prevent wind damage to the system.
a. 40, 25
b. 25, 40
c. 20, 45
d. none of the above

71. The requirements for mounting ladder safety devices for fixed ladders are as follows: Design and installation of mountings and cable guides may slightly reduce the strength of the ladder.
a. true
b. false

72. The requirements for mounting ladder safety devices for fixed ladders are as follows: _____for side-step fixed ladders must be continuous in extension.
a. Side rails
b. Steps
c. Rungs
d. all of the above

Defective Ladders

73. Ladders needing repairs are subject to the following rules:
a. Ladder repairs must restore the ladder to a condition meeting its design criteria before the ladder is returned to use.
b. Fixed ladders with structural defects such as broken or missing rungs, cleats or steps, broken or split rails or corroded components must be withdrawn from service until repaired.
c. both a & b
d. none of the above

74. Ladders needing repairs are subject to the following rules: Defective fixed ladders are considered withdrawn from use when they are immediately _____.
a. tagged with "Use at on risk" or similar language
b. marked in a manner that identifies them as defective
c. blocked such as with a string attachment that spans several rungs.
d. all of the above

Rules for Stairways

75. The following requirements apply to all stairways used during construction: Stairways that will not be a permanent part of the building under construction must have landings at least ___ inches deep and ___ inches wide at every ___ feet or less of vertical rise.
    a. 22, 30, 12
    b. 12, 30, 22
    c. 30, 22 12
    d. all of the above
76. The following requirements apply to all stairways used during construction: Stairways must be installed at least ___ degrees and no more than ___ degrees from the horizontal.
    a. 50, 30
    b. 30 ,50
    c. 30, 30
    d. 50, 50
77. The following requirements apply to all stairways used during construction: Variations in riser height or stair tread depth must not exceed ___ inch in any stairway system, including any found-ation structure used as one or more treads of the stairs.
    a. 1/8
    b. 3/16
    c. 1/4
    d. 3/8
78. The following requirements apply to all stairways used during construction: Doors and gates opening directly onto a stairway must have a platform that extends at least ___ inches beyond the swing of the door or gate.
    a. 10
    b. 15
    c. 20
    d. 30
79. The following requirements apply to all stairways used during construction: Metal pan landings and metal pan treads must be secured in place after filling.
    a. true
    b. false
80. The following requirements apply to all stairways used during construction: Workers must not use spiral stairways that will not be a permanent part of the structure.
    a. true
    b. false

Temporary Stairs

81. The following requirements apply to stairways used temporarily during construction except during construction of the stairway: Do not use stairways with metal pan landings and treads if the treads and/or landings have not been filled in with concrete or other materials unless the pans of the stairs and/or landings are _____ filled in with wood or other materials.
    a. eventually
    b. temporarily
    c. momentarily
    d. all of the above
82. The following requirements apply to stairways used temporarily during construction except during construction of the stairway: All stairs with metal pan treads and landings must be replaced when worn below the _____ edge of the pan.
    a. intermediate

b. bottom
c. top
d. none of the above

83. The following requirements apply to stairways used temporarily during construction except during construction of the stairway: The use skeleton metal frame structures and steps (where treads and/or landings will be installed later) would be allowed with semi-secured temporary treads and landings.
a. true
b. false

84. The following requirements apply to stairways used temporarily during construction except during construction of the stairway: Temporary treads must be made of wood or other solid material and installed the full width and depth of the stair.
a. true
b. false

Stair Rails

85. The following general requirements apply to all stair rails: Stairways with _____ or more risers or rising more than 30 inches in height whichever is less must have stair rails installed along each unprotected side or edge.
a. 2
b. 3
c. 1
d. none of the above

86. The following general requirements apply to all stair rails: When the top edge of a stair rail system also serves as a handrail, the height of the top edge must be no more than ___ inches and nor less than ___ inches from the upper surface of the stair rail to the surface of the tread.
a. 36, 37
b. 37, 36
c. 34, 38
d. 38, 36

87. The following general requirements apply to all stair rails: Stair rails installed after March 15, 1991, must not be less than ___ inches in height.
a. 37
b. 36
c. 38
d. 30

88. The following general requirements apply to all stair rails: Top edges of stair rail systems used as handrails must not be more than 37 inches high nor less than 36 inches from the upper surface of the stair rail system to the surface of the tread. (If installed before March 15, 1991, not less than ____ inches).
a. 37
b. 36
c. 38
d. 30

89. The following general requirements apply to all stair rails: Stair rail systems and handrails must be surfaced to prevent injuries such as punctures or lacerations and to keep clothing from snagging.
a. true
b. false

90. The following general requirements apply to all stair rails: Ends of stair rail systems and handrails must be built to prevent dangerous projections, such as rails protruding beyond the end posts of the system.
a. true
b. false

91. The following general requirements apply to all stair rails, In addition: Unprotected sides and edges of stairway landings must have standard ___ inch guardrail systems.
    a. 37
    b. 36
    c. 38
    d. 42
92. The following general requirements apply to all stair rails, In addition: Intermediate vertical members, such as balusters used as guardrails, must not be more than ___ inches.
    a. 6
    b. 8
    c. 18
    d. 19
93. The following general requirements apply to all stair rails, In addition: Other intermediate structural members, when used, must be installed so that no openings are more than ___ inches wide.
    a. 24
    b. 8
    c. 18
    d. 19
94. The following general requirements apply to all stair rails, In addition: Screens or mesh, when used, must extend from the top rail to the stairway step and along the opening between top rail supports.
    a. true
    b. false

Handrails

95. Requirements for handrails are as follows: Handrails and top rails of the stair rail systems must be able to withstand, without failure, at least _____ pounds of weight applied within 2 inches of the top edge in any downward or outward direction, at any point along the top edge.
    a. 100
    b. 150
    c. 200
    d. 300
96. Requirements for handrails are as follows: Handrails must not be more than ___ inches high nor less than ___ inches from the upper surface of the handrail to the surface of the tread.
    a. 36, 37
    b. 37, 30
    c. 34, 38
    d. 38, 36
97. Requirements for handrails are as follows: Handrails must provide an adequate handhold for _____ to grasp to prevent falls.
    a. employers
    b. employees
    c. construction workers
    d. all of the above
98. Requirements for handrails are as follows: Temporary handrails must have a minimum clearance of ___ inches between the handrail and walls, stair rail systems and other objects.
    a. 2
    b. 3
    c. 4
    d. 6
99. Requirements for handrails are as follows: Stairways with four or more risers, or that rise more than ___ inches in height whichever is less must have at least one handrail.

a. 37
b. 36
c. 38
d. 30

100. Requirements for handrails are as follows: Winding or spiral stairways must have a handrail to prevent use of areas where the tread width is less than ___ inches.

a. 2
b. 3
c. 4
d. 6

Midrails

101. Midrails, screens, mesh, intermediate vertical members or equivalent intermediate structural members must be provided between the top rail and stairway steps to the stair rail system. When midrails are used, they must be located _____ between the top of the stair rail system and the stairway steps.

a. middle 1/2
b middle 2/3
c. midway
d. middle 3/4

Training Requirements

102. Employers must train all employees to recognize hazards related to ladders and stairways, and instruct them to minimize these hazards. For example, employers must ensure that each employee is trained by a competent person in the following areas, as applicable:

a Nature of fall hazards in the non-work area.
b. Correct procedures for erecting, maintaining and disassembling the stairway systems to be used.
c. both a & b
d. none of the above

103. Employers must train all employees to recognize hazards related to ladders and stairways, and instruct them to minimize these hazards. For example, employers must ensure that each employee is trained by a competent person in the following areas, as applicable:

a. Proper construction, use, placement and care in handling of all stairways and ladders.
b. Maximum intended load-carrying capacities of lifts used.
c. both a & b
d. none of the above

104. Employees must retrain each employers as necessary to maintain their understanding and knowledge on the safe use and construction of ladders and stairs.

a. true
b. false

Glossary

105. A ladder that cannot be readily moved or carried because it is an integral part of a building or structure defines _____?

a. cleat
b. double-cleat ladder
c. failure
d. fixed ladder

106. A ladder with a center rail to allow simultaneous two-way traffic for employees ascending or descending defines _____?

a. cleat

b. double-cleat ladder
c. failure
d. fixed ladder

107. Load refusal, breakage or separation of components defines _____?
a. cleat
b. double-cleat ladder
c. failure
d. fixed ladder

108. A ladder crosspiece of rectangular cross section placed on edge upon which a person may step while ascending or descending a ladder defines _____?
a. cleat
b. double-cleat ladder
c. failure
d. fixed ladder

109. A rail used to provide employees with a handhold for support defines _____?
a. handrail
b. job-made ladder
c. load refusal
d. point of access

110. A ladder that is fabricated by employees, typically at the construction site; non commercially manufactured defines _____?
a. handrail
b. job-made ladder
c. load refusal
d. point of access

111. All areas used by employees for work-related passage from one area or level to another defines _____?
a. handrail
b. job-made ladder
c. load refusal
d. point of access

112. The point where the structural members lose their ability to carry the load defines _____?
a. handrail
b. job-made ladder
c. load refusal
d. point of access

113. A ladder consisting of a pair of side rails connected together by cleats, rungs or steps defines _____?
a. single-cleat ladder
b. side-step fixed ladder
c. riser height
d. portable ladder

114. A fixed ladder that requires a person to get off at the top to step to the side of the ladder side rails to reach the landing defines _____?
a. single-cleat ladder
b. side-step fixed ladder
c. riser height
d. portable ladder

115. The vertical distance from the top of a tread or platform/landing to the top of the next higher tread or platform/landing defines _____?

a. single-cleat ladder
b. side-step fixed ladder
c. riser height
d. portable ladder

116. A ladder that can be readily moved or carried defines _____?
a. single-cleat ladder
b. side-step fixed ladder
c. riser height
d. portable ladder

117. The horizontal distance from front to back of a tread, excluding nosing, if any defines _____?
a. tread depth
b. through fixed ladder
c. temporary service stairway
d. stair rail system

118. A fixed ladder that requires a person getting off at the top to step between the side rails of the ladder to reach the landing defines _____?
a. tread depth
b. through fixed ladder
c. temporary service stairway
d. stair rail system

119. A stairway where permanent treads and/or landings are to be filled in at a later date defines _____?
a. tread depth
b. through fixed ladder
c. temporary service stairway
d. stair rail system

120. A vertical barrier erected along the unprotected sides and edges of a stairway to prevent employees from falling to lower levels defines _____?
a. tread depth
b. through fixed ladder
c. temporary service stairway
d. stair rail system

Stairways & Ladder Quiz 120-Answer Sheet

1	a	b	c	d	41	a	b	c	d	81	a	b	c	d
2	a	b	c	d	42	a	b	c	d	82	a	b	c	d
3	a	b	c	d	43	a	b	c	d	83	a	b	c	d
4	a	b	c	d	44	a	b	c	d	84	a	b	c	d
5	a	b	c	d	45	a	b	c	d	85	a	b	c	d
6	a	b	c	d	46	a	b	c	d	86	a	b	c	d
7	a	b	c	d	47	a	b	c	d	87	a	b	c	d
8	a	b	c	d	48	a	b	c	d	88	a	b	c	d
9	a	b	c	d	49	a	b	c	d	89	a	b	c	d
10	a	b	c	d	50	a	b	c	d	90	a	b	c	d
11	a	b	c	d	51	a	b	c	d	91	a	b	c	d
12	a	b	c	d	52	a	b	c	d	92	a	b	c	d
13	a	b	c	d	53	a	b	c	d	93	a	b	c	d
14	a	b	c	d	54	a	b	c	d	94	a	b	c	d
15	a	b	c	d	55	a	b	c	d	95	a	b	c	d
16	a	b	c	d	56	a	b	c	d	96	a	b	c	d
17	a	b	c	d	57	a	b	c	d	97	a	b	c	d
18	a	b	c	d	58	a	b	c	d	98	a	b	c	d
19	a	b	c	d	59	a	b	c	d	99	a	b	c	d
20	a	b	c	d	60	a	b	c	d	100	a	b	c	d
21	a	b	c	d	61	a	b	c	d	101	a	b	c	d
22	a	b	c	d	62	a	b	c	d	102	a	b	c	d
23	a	b	c	d	63	a	b	c	d	103	a	b	c	d
24	a	b	c	d	64	a	b	c	d	104	a	b	c	d
25	a	b	c	d	65	a	b	c	d	105	a	b	c	d
26	a	b	c	d	66	a	b	c	d	106	a	b	c	d
27	a	b	c	d	67	a	b	c	d	107	a	b	c	d
28	a	b	c	d	68	a	b	c	d	108	a	b	c	d
29	a	b	c	d	69	a	b	c	d	109	a	b	c	d
30	a	b	c	d	70	a	b	c	d	110	a	b	c	d
31	a	b	c	d	71	a	b	c	d	111	a	b	c	d
32	a	b	c	d	72	a	b	c	d	112	a	b	c	d
33	a	b	c	d	73	a	b	c	d	113	a	b	c	d
34	a	b	c	d	74	a	b	c	d	114	a	b	c	d
35	a	b	c	d	75	a	b	c	d	115	a	b	c	d
36	a	b	c	d	76	a	b	c	d	116	a	b	c	d
37	a	b	c	d	77	a	b	c	d	117	a	b	c	d
38	a	b	c	d	78	a	b	c	d	118	a	b	c	d
39	a	b	c	d	79	a	b	c	d	119	a	b	c	d
40	a	b	c	d	80	a	b	c	d	120	a	b	c	d

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_____

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