

Sample Quiz - Essentials 6E, ch 12 and 13

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Beneath each question or incomplete statement is a list of possible answers. Circle the letter corresponding to the best answer.

1. The two-firefighter arm's length on-edge carry is best suited for \_\_\_\_\_ ladders.

- A. Extension
- B. Lightweight
- C. Folding
- D. Straight

12 - Ground Ladders FF1  
IE6 pg 674 - 5.3.6, 5.3.11, 5.3.12

2. What are the rubber or neoprene pads bonded to swiveling plates attached to the bottom of a ladder?

- A. Spurs
- B. Footpads
- C. Soles
- D. Treads

12 - Ground Ladders FF1  
IE6 pg 657 - 5.3.6

3. What is the maximum reach of a ladder with a designated length of 24 feet (7.3 m)?

- A. 21 feet (6.4 m)
- B. 22 feet (6.7 m)
- C. 23 feet (7 m)
- D. 24 feet (7.3 m)

12 - Ground Ladders FF1  
IE6 pg 669 - 5.3.6

4. The three-firefighter flat-shoulder carry is typically used for extension ladders up to \_\_\_\_\_ long.
- A. 24 feet (7.5 m)
  - B. 30 feet (9 m)
  - C. 35 feet (10.5 m)
  - D. 40 feet (12 m)

12 - Ground Ladders FF1  
IE6 pg 672 - 5.3.6, 5.3.11, 5.3.12

5. A ladder heat sensor label will indicate if a ladder has been exposed to a minimum temperature of \_\_\_\_\_.
- A. 150°F (65°C)
  - B. 212°F (100°C)
  - C. 250°F (120°C)
  - D. 300°F (150°C)

12 - Ground Ladders FF1  
IE6 pg 659 - 5.3.6

6. Which ladder is best for accessing an attic scuttle hole?
- A. Straight
  - B. Folding
  - C. Pompier
  - D. Combination

12 - Ground Ladders FF1  
IE6 pg 661 - 5.3.6

7. When a ladder is correctly placed, the angle formed by the ground and the ladder should be \_\_\_\_\_ degrees.
- A. 55
  - B. 65
  - C. 75
  - D. 85

12 - Ground Ladders FF1  
IE6 pg 677 - 5.3.6, 5.3.11, 5.3.12

8. In the one-firefighter low-shoulder carry, where is the upper beam of the ladder?

- A. Grasped in by hands
- B. Alongside and above the head
- C. Resting on the shoulder
- D. Tucked under the arm

12 - Ground Ladders FF1

IE6 pg 672 - 5.3.6, 5.3.11, 5.3.12

9. When should the building be used to heel the ladder?

- A. Any time one firefighter raises a ladder
- B. Any time a ladder is raised to a building without eaves
- C. When any ladder with staypoles is raised
- D. When one firefighter raises an extension ladder

12 - Ground Ladders FF1

IE6 pg 680 - 5.3.6, 5.3.11, 5.3.12

10. During hydraulic ventilation, the nozzle discharge pattern should cover \_\_\_\_\_% of the opening.

- A. 50-60
- B. 70-75
- C. 85-90
- D. 100

13 - Tactical Ventilation FF1

IE6 pg 750 - 5.3.11, 5.3.12

11. When smoke in a building cools and forms layers, it is said to \_\_\_\_\_.

- A. Invert
- B. Stratify
- C. Stack
- D. Mushroom

13 - Tactical Ventilation FF1

IE6 pg 761-762 - 5.3.11, 5.3.12

12. Which statement about positive-pressure ventilation is correct?

- A. The placement of the fans impedes exit/entry of the structure
- B. It is adaptable to all types of structures
- C. Standard smoke ejectors, reversed to operate as blowers, can be used
- D. The building must be entered in order to set up the ventilation equipment

13 - Tactical Ventilation FF1

IE6 pg 749 - 5.3.11, 5.3.12

13. Which statement about using positive-pressure ventilation is true?

- A. Place the blower at the highest accessible opening for multistory buildings
- B. Use of exit openings should be controlled and coordinated
- C. The process can be accelerated by opening doors within the building so that several rooms at a time are pressurized
- D. This method has the advantage of being unaffected by existing wind conditions

13 - Tactical Ventilation FF1

IE6 pg 747 - 5.3.11, 5.3.12

14. What will be the effect of directing a hose stream into a ventilation opening?

- A. Slow or stop the fire's progress
- B. Cool the thermal layer
- C. Drive smoke and heat into the structure
- D. Improve vertical air movement

13 - Tactical Ventilation FF1

IE6 pg 754 - 5.3.11, 5.3.12

15. Which type of ventilation is defined by the use of blowers, fans or ejectors?

- A. Horizontal
- B. Active
- C. Mechanical
- D. Convective

13 - Tactical Ventilation FF1

IE6 pg 743 - 5.3.11, 5.3.12

Sample Quiz - Essentials 6E, ch 12 and 13  
Answer Sheet

1. B IE6 pg 674 - 5.3.6, 5.3.11, 5.3.12
2. B IE6 pg 657 - 5.3.6
3. C IE6 pg 669 - 5.3.6
4. C IE6 pg 672 - 5.3.6, 5.3.11, 5.3.12
5. D IE6 pg 659 - 5.3.6
6. B IE6 pg 661 - 5.3.6
7. C IE6 pg 677 - 5.3.6, 5.3.11, 5.3.12
8. C IE6 pg 672 - 5.3.6, 5.3.11, 5.3.12
9. D IE6 pg 680 - 5.3.6, 5.3.11, 5.3.12
10. C IE6 pg 750 - 5.3.11, 5.3.12
11. B IE6 pg 761-762 - 5.3.11, 5.3.12
12. B IE6 pg 749 - 5.3.11, 5.3.12
13. B IE6 pg 747 - 5.3.11, 5.3.12
14. C IE6 pg 754 - 5.3.11, 5.3.12
15. C IE6 pg 743 - 5.3.11, 5.3.12