

Chapter 7 Quiz

Name: _____ Date: _____

Directions: Write the correct letter on the blank before each question.

- _____ 1. Life safety rope should be used to: (277)
- A. rescue victims.
 - B. secure a ladder in place.
 - C. hoist a saw to a second story window.
 - D. cordon off an emergency incident scene.
- _____ 2. Natural fiber ropes are: (278)
- A. resistant to mildew, mold, and shrinkage.
 - B. permitted to be used for utility applications.
 - C. less resistant to sunlight than synthetic ropes.
 - D. permitted to be used for life safety applications.
- _____ 3. Which type of rope construction is used for life safety ropes? (279)
- A. Laid
 - B. Braided
 - C. Kernmantle
 - D. Braid-on-braid
- _____ 4. What should be done if an inspection reveals that a rope has shards of glass or other foreign objects imbedded in it? (282)
- A. Remove the rope from service and have it destroyed.
 - B. Remove the debris and document it in the rope log.
 - C. Notify the supervisor and place the rope back in service.
 - D. Continue using the rope until new rope can be purchased.
- _____ 5. What should be done in order to ensure that ropes remain in good condition? (284)
- A. Keep all ropes away from rust.
 - B. Paint the ends to prevent unraveling.
 - C. Coil the rope in the same direction every time.
 - D. Clean the rope with strong chemicals to remove grease.

- _____ 6. Which type of webbing is commonly used for rescue applications? (286)
- A. Flat webbing
 - B. Braided webbing
 - C. Tubular webbing
 - D. Kernmantle webbing
- _____ 7. Which part of the rope is used to tie a knot? (287)
- A. Hitch end
 - B. Working end
 - C. Running part
 - D. Standing part
- _____ 8. A _____ is a bend in the knot that is created by bending the rope back on itself while keeping the sides parallel. (288)
- A. loop
 - B. hitch
 - C. bight
 - D. round turn
- _____ 9. Which knot is used to provide an extra level of protection when tying other types of knots? (288)
- A. Water knot
 - B. Clove hitch
 - C. Figure-eight knot
 - D. Overhand safety knot
- _____ 10. A(an) _____ knot is primarily used to attach a rope to an object such as a pike pole or hoseline. (288)
- A. clove hitch
 - B. figure-eight
 - C. overhand safety
 - D. figure-eight bend
- _____ 11. The Occupational Safety and Health Administration (OSHA) prohibits using rope to hoist: (291)
- A. axes.
 - B. saws.
 - C. empty SCBA cylinders.
 - D. pressurized SCBA cylinders.

- _____ 12. A _____ is used to control equipment that is being hoisted by preventing it from spinning or snagging. (291)
- A. lever
 - B. pulley
 - C. tag line
 - D. carabiner
- _____ 13. How can utility rope be used during rescue operations? (295)
- A. Rapelling
 - B. Lifting rescuers
 - C. Marking control zone perimeters
 - D. Removing victims from swift water