# Salvage and Overhaul

1. Which is **NOT** correct about overhaul operations? p. 633

A.) When opening walls, only remove the outer coverings
*B.) If complete overhaul cannot be completed, post signs before the team leaves overnight
C.) A safety officer should always be present to note hazards
D.) A "hydraulic overhaul" may be ordered if fire damages the structural integrity of a building

2. Up to what distance apart will the rolls of the water chute be? p. 623

A.) 4 feet (121 centimeters)
*B.) 3 feet (91 centimeters)
C.) 2 feet (60 centimeters)
D.) 1 foot (30 centimeters)

3. At what angle should each corner be folded when building a catchall from a salvage cover? p. 626

A.) 45-degree
B.) 30-degree
*C.) 90-degree
D.) 60-degree

4. What is the greatest challenge during overhaul operations? p. 632

A.) Locating any clues about the fire
B.) Removing all valuable property
C.) Completing ventilation operations
*D.) Identifying and opening void spaces

5. Where on the salvage cover should the first fold be made when folding it for one fire fighter to deploy? p. 626

A.) One-third point
B.) One-half point
*C.) One-quarter point
D.) Two-thirds point

6. Which type of lights are preferred for search and rescue operations? p. 613

A.) Portable emergency lights
B.) Floodlights
C.) Personal flashlights
*D.) Large hand lights

7. How many lights mounted on the apparatus can the inverter typically power? p. 614

A.) Three or four
*B.) One or two
C.) Two or three
D.) Four or five

8. What is the only way to ensure that no hidden fire exists? p. 635

A.) Feel the wall with an ungloved hand
*B.) Open the wall and do a direct inspection
C.) Inspect power outlets for charring
D.) Use a thermal imaging device

9. How long should the generator be allowed to cool down before the fuel and oil are refilled after the monthly testing has been completed? p. 615

A.) 4 minutes
B.) 2 minutes
*C.) 5 minutes
D.) 3 minutes

10. Which operations are usually aimed at preventing or limiting secondary losses that result from smoke damage? p. 616

A.) Rescue
B.) Overhaul
C.) Suppression
*D.) Salvage

11. What should be done before starting the generator during testing? p. 615

A.) Connect the junction box
B.) Fill the generator with fuel
C.) Clean all power chords and connections
*D.) Check the oil and fuel levels

12. Which is **NOT** correct about folding and rolling a salvage cover? p. 627

A.) Tightly roll up the folded salvage cover from the end
*B.) Ensure the folds are overlapping
C.) Fold the outside edge in to the middle of the cover
D.) Create a fold at the quarter point

13. How should the hook side of the tip on a pike pole face when penetrating a ceiling during overhaul operations? p. 636

*A.) Away from you
B.) To your left side
C.) To your right side
D.) Toward you

14. Which is NOT a correct statement when protecting contents by moving them? p. 631

A.) Protect items moved outside from the weather
B.) When contents can provide clues about the fire, fire investigators should supervise the removal process
*C.) Multiple locations should be used
D.) In some cases salvaged items can be moved to another location in the same building

15. What is seen when the OS&Y valve is in the open position? p. 619

*A.) Stem of the valve protruding from the valve handle
B.) The indicator window shows the green template
C.) Wheel of the OS&Y valve is covering the stem
D.) The word "open" in the indicating window

16. What do salvage efforts at a residential fire **NOT** often focus on? p. 616

A.) Car keys
*B.) Structure
C.) Wallets
D.) Pictures

17. What should be done with any insulation found when an interior wall is opened during overhaul? p. 636

A.) Push it in
B.) Leave it in place
C.) Make it flat
*D.) Pull it out

18. What is the last step taken when constructing a water catch-all? p. 624

A.) Fold each corner over at a 45-degree angle starting at approximately 3 feet (91 centimeters) in from the edge
*B.) Lift the rolled edge over the corner flaps and tuck it under the flaps
C.) Roll two edges inward from opposite sides
D.) Roll the remaining two edges in approximately 2 feet (61 centimeters)

19. What kind of hose is used with the drainage pump? p. 626

A.) Collapsible
B.) Garde-type
C.) Soft-suction
*D.) Hard-suction

20. What can be used to draw water from a house that does not have a floor drain? p. 622

A.) Window opening
*B.) Toilet drain
C.) Wall hole
D.) Sink drain

21. Which operation can only begin when the fire is under control? p. 612

A.) Rescue
B.) Ventilation
C.) Salvage
*D.) Overhaul

22. What should be used to feel for heat what would indicate potential burning during overhaul operations? p. 635

*A.) Back of your hand
B.) Elbow
C.) Top of the forearm
D.) Shoulder

23. Where should the flow be directed if a nozzle must be left partially open to avoid freezing? p. 618

A.) Onto the fire
*B.) Out a window
C.) Into a bucket
D.) Onto the floor

24. Which of the following is more likely to be powered by a power inverter? p. 614

A.) Large power tool
*B.) Apparatus-mounted lighting
C.) High-intensity lighting
D.) Ventilation fans

25. Which of the following does **NOT** factor into determining what area needs to be overhauled? p. 634

A.) Building construction
B.) Size of the fire
C.) Building's contents
*D.) Response level

26. What wattage range can portable lights be found on? p. 613

A.) 200 watts to 1000 watts
B.) 150 watts to 900 watts
*C.) 300 watts to 1500 watts
D.) 400 watts to 1700 watts

27. What is the first step taken when folding a salvage cover to prepare it for two fire fighters to deploy? p. 626

*A.) Fold the cover in half
B.) Squeeze out excess air
C.) Tightly roll up the cover
D.) Fold the cover in thirds

28. Where does the fuel come from for a larger diesel generator? p. 614

*A.) Vehicle's fuel tank
B.) Bypass fuel line
C.) Relay station
D.) Portable gas tank

29. How long should gasoline-powered generators be run to reduce any deposit build-up that could foul spark plugs? p. 615

*A.) 15 to 30 minutes
B.) 20 to 35 minutes
C.) 15 to 20 minutes
D.) 20 to 45 minutes

30. Where do salvage crews usually begin their work? p. 626

A.) Two floors above the fire
*B.) Floor immediately below the fire
C.) Two floors below the fire
D.) Floor immediately above the fire

31. In what direction should cuts be made when opening an interior wall with an axe? p. 636

A.) Horizontal
*B.) Vertical
C.) Criss-cross
D.) Diagonal

32. What is the best way to prevent water damage at a fire scene? p. 617

A.) Have multiple water chutes in place
*B.) Limit the amount of water that is used
C.) Use foam along with the water
D.) Remove water once the fire is under control

33. What can a water chute be constructed from? p. 623

A.) Sheets
*B.) Salvage covers
C.) Overhaul pump
D.) Furniture

34. What should be done to open the main control valve? p. 620

*A.) Turn the handle counterclockwise
B.) Push the handle upward
C.) Turn the handle clockwise
D.) Push the handle downward

35. Which part of the ceiling should be opened first with a pike pole? p. 636

A.) Least heavily damaged
B.) Area far from light fixture
C.) Area near light fixture
*D.) Most heavily damaged

36. How far should the salvage cover be unrolled when one fire fighter is performing the salvage cover-roll? p. 627

*A.) Top of the object
B.) Floor to floor
C.) Half-way up
D.) Completely over

37. Where should a wall be examined with a thermal imaging device when the room has been superheated by fire to determine where overhaul is needed? p. 635

A.) Through an inspection hole
*B.) Side not exposed to the fire
C.) Area above the wall
D.) Side exposed to the fire

38. What does the lighting and power equipment used at a fire scene generally operate on? p. 612

A.) 24-volt DC
B.) 12-volt DC
*C.) 110-volt AC
D.) 240-volt AC

39. Which statement is **NOT** correct? p. 633

A.) If anything suspicious is observed overhaul operations should be delayed until an investigator can examine the scene
B.) Overhaul crews must work with fire investigators to ensure important evidence is not damaged or destroyed
*C.) If an investigator is not immediately available overhaul operations must be postponed
D.) Ideally a fire investigator should examine the area before overhaul operations begin

40. Where is the salvage cover initially raised when performing a balloon toss with two fire fighters? p. 628

A.) Knee height
B.) Chin height
C.) Chest height
*D.) Waist height

41. When preparing a salvage cover for one fire fighter to deploy, what size folds should be made from each end to the center? p. 627

A.) 3-foot (90-centimeter)
B.) 4-foot (121-centimeter)
*C.) 1-foot (30-centimeter)
D.) 2-foot (61-centimeter)

42. Where are replacement sprinkler heads usually stored? p. 621

A.) Off-site
B.) In main supply room
*C.) Near main control valves
D.) In the equipment room

43. Where should the first portable light be placed at an incident? p. 614

A.) Command post
B.) Exterior of the building
C.) Search area
*D.) Entry to the structure

44. What must be completed for a fire to be considered fully extinguished? p. 632

*A.) Overhaul
B.) Ventilation
C.) Salvage
D.) Suppression

45. How are the connectors and plugs for fire department lighting attached? p. 613

A.) Slight pull
*B.) Clockwise twist
C.) Counterclockwise twist
D.) Slight push

46. What should be done when removing a mattress during overhaul operations? p. 635

*A.) Roll it and secure with a rope
B.) Cut it open before moving
C.) Saturate it with water
D.) Encase it in a cover

47. What can be done to stop the flow when only one or two sprinkler heads are activated during a fire? p. 618

*A.) Insert a sprinkler wedge
B.) Shut down the system
C.) Break the fusible link
D.) Remove the sprinkler head

48. What can be enlarged in some cases to make debris removal easier? p. 635

*A.) Window opening
B.) Wall opening
C.) Ventilation opening
D.) Door opening

49. What are the paths of extension in a building directly related to? p. 634

A.) Occupancy
*B.) Type of construction
C.) Size of rooms
D.) Building layout

50. What does salvage cover maintenance depend upon? p. 628

A.) Level of soil
*B.) Type of cover used
C.) Number of times used
D.) Amount of time is was used

51. Where is the post indicator control valve usually located? p. 621

A.) In the main control room
*B.) Outside of the building
C.) In the sprinkler riser room
D.) In the basement

52. What can be used to drain the sprinkler system when the flow cannot be plugged up? p. 618

A.) Control valve
B.) Indicator valve
C.) Backflow preventer
*D.) Drain valve

53. What is the most common method of protecting building contents? p. 626

A.) Moving them to another room
B.) Clustering them together
C.) Removing them to the exterior
*D.) Covering with salvage covers

54. What should usually be used to clean the exterior of a generator? p. 615

A.) Bleach
*B.) Soap and water
C.) Lysol
D.) Diluted degreaser

55. Which is **NOT** a correct statement about overhaul safety? p. 633

A.) The structural safety of the building is often compromised
B.) A charged hose line is always needed during overhaul
*C.) SCBA use is optional before air testing has been completed
D.) There is no need to rush during overhaul