Vehicle Rescue and Extrication

1. Which post should be cut last if the victim is in the driver's seat when displacing the roof? p. 831

*A.) Driver's "A" post
B.) Driver's "B" post
C.) Passenger's "B" post
D.) Passenger's "A" post

2. Which post is cut when displacing the dashboard? p. 830

A.) C
*B.) A
C.) B
D.) D

3. How should the electric vehicle be towed? p. 833

A.) Trailer wheels down
B.) Stowed wheels down
*C.) On a flatbed
D.) Drive wheels down

4. How many leaders should be present when performing extrication and rescue operations? p. 827

*A.) One
B.) Three
C.) Four
D.) Two

5. What is the most commonly used method of gaining access to a vehicle following a collision? p. 825

A.) Peeling the dash
B.) Removing the roof
*C.) Door displacement
D.) Removing the windshield

6. What can be done many times when you need to displace the seat? p. 828

A.) Cut the tension cables
B.) Lift the seat from the track
*C.) Move it back on the track
D.) Break the mechanisms

7. What should be done first when performing a scene size-up at a motor vehicle crash? p. 815

*A.) Position emergency vehicles to protect the crash scene
B.) Establish a secure working area and an equipment staging area
C.) Perform a quick initial assessment
D.) Perform a 360-degree walk-around looking for hazards

8. Where will the sheet metal typically be bent when forcing the door open on a vehicle with a prying tool? p. 825

A.) At the undercarriage
*B.) Near the lock
C.) At the roofline
D.) Near the hinges

9. What can be used to stabilize a vehicle that has come to rest on the roof or side? p. 818

A.) Air bags
B.) Cribbing
C.) Tether lines
*D.) Box cribs

10. What minimum size hose line should be stretched at each motor vehicle crash? p. 817

A.) 2½-inch (64-mm)
*B.) 1½-inch (38-mm)
C.) 2-inch (51-mm)
D.) 1-inch (25-mm)

11. What must always be used with an air bag when it is being used to stabilize a vehicle? p. 819

A.) Wedges
*B.) Cribbing
C.) Tether line
D.) Chock blocks

12. How far from the hybrid vehicle should the proximity key be taken to prevent an accidental restart during extrication? p. 813

*A.) 16 feet (5 meters)
B.) 12 feet (4 meters)
C.) 24 feet (7 meters)
D.) 20 feet (6 meters)

13. What can be used to stabilize the suspension system of a vehicle? p. 818

A.) Cribbing
B.) Wedges
C.) Tether line
*D.) Step chock

14. What usually identifies the hybrid vehicle? p. 812

A.) Dome shape roof
B.) Vehicle size
*C.) Placard
D.) Wiring

15. How do many fire departments position apparatus at the scene of vehicle crash? p. 814

A.) Parallel to the crash and pointing away from oncoming traffic
B.) Parallel to the crash and pointing towards oncoming traffic
C.) At an angle to the crash and pointing towards oncoming traffic
*D.) At an angle to the crash and pointing away from oncoming traffic

16. What is the structure that divides the engine compartment from the passenger compartment? p. 811

A.) Wheel well
B.) Cargo liner
*C.) Bulkhead
D.) Platform

17. Which is NOT a correct statement about rescue-lift air bag usage? p. 821

A.) Inflate the bottom bag first
B.) Cribbing must always be the primary stabilizer
*C.) The smaller bag should be on the bottom
D.) Place a sheet of plywood on the ground to protect the air bag

18. Who should be in charge of disconnecting power to downed power lines? p. 817

*A.) Utility company personnel
B.) Fire department personnel
C.) Building maintenance personnel
D.) Department of Public Roads personnel

19. What is the first thing that should be done when removing a windshield to gain access to the victim? p. 829

A.) Cut along the bottom of the windshield
B.) Cut the top of the windshield
*C.) Protect the victim from flying glass
D.) Cut down the side of the windshield to the "A" post

20. What is the first thing that should be done when displacing the dash? p. 830

A.) Remove the seat back
*B.) Open both doors
C.) Cut the roof
D.) Remove all glass

21. What is the minimum thickness that the tapered end of the wedge should be? p. 818

A.) ½ inch (12 millimeters)
B.) 1 inch (24 millimeters)
C.) ¾ inch (18 millimeters)
*D.) ¼ inch (6 millimeters)

22. Who is best suited to handle traffic hazards at the vehicle crash scene? p. 816

A.) Fire chief
*B.) Police officer
C.) Incident commander
D.) Public works office

23. What are the procedures used to deal with electric vehicles involved in collisions most close to? p. 813

A.) Those for fuel cell-powered vehicles
B.) Those for CNG vehicles
C.) Those for LPG vehicles
*D.) Those for hybrid vehicles

24. What is the first step in the vehicle extrication process? p. 814

A.) Patient assessment
*B.) Response
C.) Vehicle stabilization
D.) Size-up

25. What should you do once you have broken the glass and removed the pieces from the frame? p. 824

A.) Climb inside
B.) Begin to stabilize the victim through the window
C.) Take the keys out of the ignition
*D.) Try to unlock and open the door

26. Which of the following should the fire fighter be wearing when operating at a vehicle crash at night? p. 814-815

A.) Head lamp
B.) Head protection
C.) Brightly colored vest
*D.) Reflective material

27. Where should you aim when using something other than a center punch to break the window on a vehicle? p. 824

A.) High corner
*B.) Low corner
C.) Front edge
D.) Center

28. What is the extinguishing agent of choice with a fire in a hybrid vehicle? p. 812

A.) Foam
*B.) Water
C.) Wet chemical
D.) Dry chemical

29. What is an alternative method of exposing the hinges of the door? p. 826

A.) Pinch it in the center from the center of the panel down
*B.) Pinch it in the center from the bottom of the window down
C.) Pinch it in the center from the top of the window down
D.) Pinch it in the center from the bottom of the window up

30. Where is cribbing placed when stabilizing a vehicle that has ended up on the wheels? p. 817

*A.) Against the wheels
B.) Under the rear bumper
C.) Under the front bumper
D.) Against the posts

31. Where may the CNG tanks be located on bus? p. 810

A.) Passenger compartment
*B.) Roof
C.) Undercarriage
D.) Cargo hold

32. Which type of frame is found primarily in trucks and larger SUVs? p. 811

A.) Unit body
*B.) Platform
C.) Castform
D.) Unibody

33. How must the "A" post be cut when displacing the dash? p. 830

A.) In a zig-zag pattern on the "A" post
B.) Parallel to the "A" post
C.) On the diagonal to the "A" post
*D.) Perpendicular to the "A" post

34. What object is most often needing to be stabilized at the motor vehicle crash scene? p. 817

A.) Utility pole(s)
B.) Building supports
*C.) Involved vehicle(s)
D.) Bridge guardrail

35. What can be sprayed on an escaping cloud of vapor at a compressed gas-powered vehicle incident? p. 812

A.) Foam stream
*B.) Fog stream
C.) Solid stream
D.) Straight stream

36. What is the next step once you have access to the victim? p. 827

*A.) Disentangling the victim
B.) Terminating the incident
C.) Removing the victim
D.) Transporting the victim

37. What should be done as a last resort when you need to displace the seat? p. 828

A.) Perform a dash displacement
B.) Move the seat back using the levers
C.) Roll the dashboard up
*D.) Use a powered hydraulic tool to move the seat

38. What is the maximum number of units high that the high-pressure lift air bags can be stacked? p. 821

A.) Five
*B.) Two
C.) Three
D.) Four

39. What percent of all vehicles in the United States do biofuel-powered vehicles compose? p. 812

A.) 10 percent
B.) 12 percent
C.) 4 percent
*D.) 3 percent

40. Which posts are located closest to the front of the vehicle? p. 811

A.) C
*B.) A
C.) D
D.) B

41. Which method of extrication has the advantage of being controlled and perhaps an added degree of safety for the victim and rescuers? p. 823

*A.) Disassembly
B.) Distortion
C.) Peeling back
D.) Cutting

42. What can be used to cut the supports of the seat back when it must be removed? p. 828

A.) Flat-head axe
*B.) Reciprocating saw
C.) Hydraulic spreaders
D.) Bolt cutters

43. What sound may be heard that would indicate damage to a high-voltage battery that is undergoing a thermal event? p. 833

A.) Hissing
B.) Sloshing
C.) Ticking
*D.) Gurgling

44. Which rescue-lift air bags are most often used by fire fighters? p. 821

A.) Super-pressure lift air bags
B.) Medium-pressure lift air bags
C.) Low-pressure lift air bags
*D.) High-pressure lift air bags

45. Which of the following found in conventional vehicles pose little threat to rescuers? p. 810

A.) Fuel (gasoline or diesel)
*B.) 12-volt electrical system
C.) Unknown contents in the vehicle
D.) Battery contents

46. Which method of removing the steering wheel will not leave sharp edges that must be covered? p. 830

*A.) Cutting out the column
B.) Cutting out the spokes
C.) Cutting the cables
D.) Cutting the steering wheel hoop

47. What should be done first once the vehicle is stabilized? p. 823

A.) Begin peeling the roof
*B.) Try to open the doors
C.) Break the windows
D.) Call for hand tools

48. What is the first thing that must be removed when displacing the roof? p. 831

*A.) Glass from all windows and windshield
B.) Vehicle posts
C.) Seat backings
D.) Seatbelt connections and tensioners