Hazardous Materials for First Responders

Questions and Answers

From IFSTA Hazmat for First Responders 4th Edition

Evidence Preservation and Sampling

1. What should be used to check for flammability when field screening?
p. 614

A.) IDLH meter
B.) Fluorocarbon monitor
*C.) Combustible gas meter
D.) Oxygen monitor

2. During which phase is maintaining personal and public safety a critical task?
p. 598

A.) Remediation
B.) Tactical
C.) Operational
*D.) Crime scene

3. Which of the following is something responders should NOT do if the incident involves WMDs?
p. 599

A.) Identify and mark potential evidence
B.) Preserve the evidence for future collection
*C.) Take samples for law enforcement evidence
D.) Field screen samples prior to lab admittance

4. Which of the following is NOT part of collecting evidence?
p. 607

A.) Layout the investigative evidence collection grip system
B.) Establish chain of command
C.) Secure electronically recorded evidence
*D.) Establish the location of adjacent buildings

5. Which agency is responsible for enforcing the Gun Control Act of 1968?
p. 597

*A.) ATF
B.) NPS
C.) FBI
D.) DEA

6. Which phase do contractors or appropriate federal authorities typically perform the duties?
p. 599

*A.) Remediation
B.) Crime scene
C.) Tactical
D.) Operational

7. What can the extra person function as when sampling in the hot zone?
p. 611

A.) Assistant Decon Officer
B.) Assistant Operations Officer
C.) Assistant Liaison Officer
*D.) Assistant Safety Officer

8. What direction should be noted on any sketches of the incident scene?
p. 606

A.) West
*B.) North
C.) East
D.) South

9. What should be done once the scene has been secured?
p. 604

*A.) Perform preliminary survey
B.) Collect important evidence
C.) Locate potential witnesses
D.) Document evidence found

10. Upon arrival at the criminal haz mat/WMD incident scene, what is the primary concern?
p. 602

*A.) Safety of personnel
B.) Hazards at the scene
C.) Tactical requirements
D.) Required warrants

11. What is the third step in the FBI's Twelve-Step Process?
p. 600

A.) Prepare a narrative description
*B.) Secure and protect the scene
C.) Evaluate evidence possibilities
D.) Collect evidence

12. What must be done if sampling equipment touches something non-sterile other than the sampling surface?
p. 611

A.) Flip it over
B.) Wipe it off
C.) Use it
*D.) Replace it

13. Which of the following is a writ issued by a competent magistrate authorizing an officer to make an arrest?
p. 601

A.) Order
*B.) Warrant
C.) Affidavit
D.) Tort

14. What is done just after preparing diagrams and sketches of the scene?
p. 606

A.) Collect evidence
B.) Narrative description
C.) Photograph
*D.) Detailed search

15. Which of the following statements about what NOT to do at the crime scene is incorrect?
p. 604

A.) Adjust the thermostat
*B.) Litter or spit outside the established boundaries of the scene
C.) Use the telephone or bathroom
D.) Reposition moved items

16. What will determine the PPE needed at a crime scene?
p. 593

*A.) Hazards present at the scene
B.) Level of responder training
C.) Location of the weapon
D.) Type of crime committed

17. What is done during the operational phase?
p. 598

A.) Evidence is recovered and packaged
B.) Remaining hazards are mitigated
*C.) Life safety objectives are met
D.) Hostile threats are removed

18. Who should responders contact if a package in the mail seems suspicious?
p. 594

*A.) Bomb squad
B.) Operational team
C.) Mutual aid
D.) EPA

19. What is the last step in the journey of physical evidence?
p. 600

A.) Custody of the evidence pending trial
B.) Laboratory examination
C.) Transportation to court
*D.) Exhibition in court

20. What should be done first in fragile areas of the crime scene?
p. 606

A.) Collect the evidence
B.) Remove bodies
*C.) Photograph it
D.) Draw a rendition

21. How many clean sampling team members should you have to prevent cross-contamination between samples?
p. 616

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

22. What is a written history that must include each person who maintains visual or physical control over the item throughout the process?
p. 609

A.) Documentation
B.) Preliminary survey
C.) Narrative description
*D.) Chain-of-custody

23. Who should you talk to so that photographs will be acceptable and admissible in court?
p. 606

A.) Judges
*B.) Prosecutors
C.) Laboratory
D.) Incident commander

24. Who must be called in to remove the hazards at the scene of an environmental crime?
p. 594

A.) Fire department
*B.) Bomb squad
C.) EPA
D.) Operational team

25. Which of the following is NOT something that needs to be documented about each piece of evidence?
p. 607

*A.) Order of collection
B.) Location at the scene
C.) Date of collection
D.) Who collected it

26. What size area should be used when taking a wipe sample if possible?
p. 612

A.) Two-square foot
B.) One-square inch
*C.) One-square foot
D.) Two-square inch

27. During which phase are hostile threats removed by law enforcement?
p. 598

A.) Operational
B.) Remediation
C.) Crime scene
*D.) Tactical

28. Which of the following is NOT typically included in a liquid sampling kit?
p. 613

A.) Sterile vials
*B.) Dropper bottles
C.) Transfer pipettes
D.) Certified clean jars

29. Which about the scene walk-through is NOT correct?
p. 605

A.) Prepare preliminary documentation of the scene as observed
B.) Identify and protect fragile and/or perishable evidence
*C.) Step over items that need to be collected
D.) Use the established path of entry

30. What will decontamination of evidence actually remove contamination from?
p. 615

*A.) Exterior evidence packaging
B.) Exterior and interior evidence packaging
C.) Evidence itself
D.) Interior evidence packaging

31. Which requirements should be followed for securing evidence in containers?
p. 608

A.) Judge's orders for handling
B.) Prosecutor's preference
*C.) Lab that will be analyzing it
D.) Governing body in the area

32. What is the first step taken in the journey of physical evidence?
p. 600

A.) Discovery of the evidence
B.) Collection of the object(s) or sample(s)
*C.) Security of the scene and the evidence
D.) Documentation of the evidence

33. What must be given consideration when performing decon at a criminal incident?
p. 593

*A.) Preserving evidence
B.) Locating offender
C.) Removing barriers
D.) Determining cause

34. Where does evidence evaluation occur?
p. 605

A.) Cool zone
B.) Hot zone
*C.) Cold zone
D.) Warm zone

35. When did the LRN become operational?
p. 616

A.) May 1959
B.) December 1977
*C.) August 1999
D.) January 1962

36. What will happen to all documentation of actions at the criminal incident scene?
p. 602

A.) Go into responder's file
B.) Go into medical examiner's report
*C.) Go to crime scene investigators
D.) Go to county courthouse

37. What is the fourth step taken when preserving and sampling evidence?
p. 618

A.) Seal sample container with tamper-proof seal
B.) Enter the scene
*C.) Document all personnel entering the hot zone
D.) Put sample into secondary container

38. What is a written statement of facts confirmed by the oath of the party making it?
p. 601

*A.) Affidavit
B.) Testimony
C.) Warrant
D.) Judgment

39. What should be done if it is determined that bystanders at the scene are NOT witnesses?
p. 603

*A.) Remove them from the scene
B.) Send them to the hospital
C.) Detain them at the command post
D.) Take them for questioning

40. At criminal haz mat/WMD incidents what is the top priority after life preservation, hazard mitigation and the environment?
p. 591

A.) Life rebuilding and interviewing
B.) Scene reconstruction and identification
C.) Medical treatment and decontamination
*D.) Evidence preservation and sampling

41. What is the minimum number of people recommended for a sampling team?
p. 611

A.) Six
B.) Four
*C.) Two
D.) Eight

42. Which is a PID used to detect?
p. 615

A.) Alpha and beta radiation
*B.) Volatile organic compounds
C.) Corrosive liquids
D.) Flammability

43. What should be done before collecting evidence at a release or WMD attack site?
p. 594

*A.) Clear the area
B.) Treat the victims
C.) Find the weapon
D.) Contact the families

44. In which step will photographs and sketches be used?
p. 605

*A.) Narrative description
B.) Evaluating evidence possibilities
C.) Evidence collection
D.) Conducting detailed search

45. What should the suspicious package be placed into when the responder is packaging it up to remove it from the scene?
p. 595

*A.) Double plastic bag
B.) Double paper bag
C.) Double vinyl bag
D.) Double cloth bag

46. What can be used to collect smaller amounts of powder when collecting solid samples?
p. 614

*A.) Cotton swabs
B.) Scoop
C.) Sticky paper
D.) Spatula

47. What type of evidence would blood in the rain represent?
p. 604

*A.) Transient
B.) Solid
C.) Trace
D.) Biological

48. What can be used to document all persons entering and/or exiting the crime scene?
p. 603

A.) Id tagging
*B.) Perimeter
C.) Triage
D.) Assignments

49. What is used when contaminants are visible on surfaces?
p. 612

A.) Liquid
B.) Scrape
*C.) Wipe
D.) Solid

50. What should initial monitoring be performed for?
p. 610

A.) Prepare diagrams and sketches
*B.) Characterize the site
C.) Determine sampling plan
D.) Collection of evidence

51. What allows for independent review of the work conducted at the criminal haz mat/WMD scene?
p. 602

*A.) Case file
B.) Incident report
C.) IAP
D.) Peer review

52. What should the sample container be wrapped in to follow the sampling plan?
p. 610

A.) Plastic material
B.) Paper material
*C.) Absorbent material
D.) Reflective material

53. When is the FBI's Twelve-Step Process utilized?
p. 600

*A.) Crime scene phase
B.) Operational phase
C.) Remediation phase
D.) Tactical phase

54. Which agency is responsible for investigating offenses against the U.S. committed within national park boundaries in the absence of an investigation by any other federal law enforcement agency?
p. 597

A.) FBI
B.) EPA
*C.) NPS
D.) ATF

55. What should only be considered if there is an immediate threat at a suspicious package incident?
p. 595

A.) Evaluation
B.) Shelter-in-place
*C.) Evacuation
D.) Isolation

56. Who has ultimate responsibility for maintaining the chain of custody?
p. 609

A.) Lab agency
B.) First responders
C.) Prosecutor
*D.) Law enforcement

57. Who is liable for non-commercial packaging systems?
p. 616

A.) Manufacturer
B.) Law enforcement
*C.) Employer
D.) DOT

58. What is the first step listed in the IAFC's Model Procedures for Responding to a Suspicious Package?
p. 595

*A.) Assess the hazard posed by the suspicious letter, package or container
B.) Remove any victims and begin decontamination
C.) Visually evaluate the suspicious letter, package or container
D.) Take initial actions and request assistance