

PTS Publications
A Division of Performance Training Systems, Inc.

Hazardous Material Awareness

Exam Prep I-2

Sixth Edition - 2019

Please read instructions on next page!

Exam I-2 – 75 Exam Items Adding Difficulty and Depth

The reading list for Exam I-2 is as follows:

1. IFSTA, *Hazardous Materials for First Responders*, 4th Edition, Chapters 1 - 11, and 13.
2. Jones and Bartlett Learning, *Hazardous Materials Awareness and Operations*, 2nd Edition, Chapters 1 through 2, 3-9, and 12.
3. *Essentials of Firefighting*, 7th Edition, Chapter 24

During Exam I-2 progress will be made in developing depth of knowledge and skills.

- ❖ **Helpful Hint** - Follow each step carefully to realize the best Return on Effort (ROE). Would you consider investing your money in a venture without some chance of return on that investment? Examination preparation is no different. You are investing time expecting a significant return for that time. If, indeed, time is money then you are investing money and are due a return on that investment.

Instead of calling our expenditure of effort a Return on Investment (ROI) it is called a Return on Effort (ROE). Doing things right and doing the right things in examination preparation will insure the maximum ROE.

Directions:

Remove Examination I-2 from the manual. The reason for removing the exam from the book is to make it easier to score and conduct the research for those guessed and missed exam items. Another advantage is the portability of the exam so research and scoring can be accomplished at any time or place.

First, take a careful look at the test. There should be 75 exam items. In Appendix C you will find an Answer Form for Hazardous Material Awareness I-2 Examination. It can be removed from the book for ease of marking. Fill in the appropriate bubble answer (A-D) **in ink**.

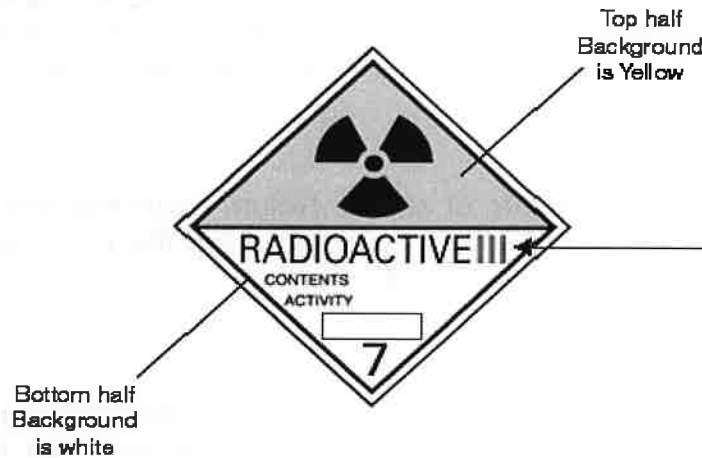
Remember the rule about changing the answer. Our research has shown that changed answers are often incorrect, and often, the answer that is chosen first is the correct one.

If you **guess** the answer to a question, place an “X” or a checkmark by your answer. This step is vitally important as you gain and master knowledge. We will explain how we treat the “guessed” items later in SAEP®.

Next, take the examination. Once you complete it, go to Appendix A and score your test. Once the test is scored, carefully follow the directions for feedback on the missed and guessed exam items.

EXAM PREP: HAZARDOUS MATERIALS AWARENESS & OPERATIONS

1. The products that IM 101 intermodal portable tanks typically carry are:
 - A. molten sulfur.
 - B. flammable gases.
 - C. flammable liquids.
 - D. radioactive materials.
2. The products that IM 102 intermodal portable tanks typically carry are:
 - A. nonregulated materials.
 - B. flammable gases.
 - C. hydrogen.
 - D. radioactive materials.
3. The item that is represented by the vertical stripes indicates the:



- A. radioactive levels.
 - B. Hazard Class.
 - C. maximum radiation levels.
 - D. number of radioactive atoms.
4. The design pressure of an IM 101 portable tank is:
 - A. 14.5 to 25.4 psi.
 - B. 100 to 500 psi.
 - C. 25.4 to 100 psi.
 - D. 6.89 to 14.5 psi.
 5. What type of container is used to ship materials of radioactivity by air?
 - A. Industrial
 - B. Type A
 - C. Type C
 - D. Extruded
 6. Packaging used for transport with extremely low levels of radioactivity that present no risk to the public or environment is:
 - A. Type B.
 - B. Excepted.
 - C. Concrete Box.
 - D. Industrial.

7. Which material is transported in industrial containers?
- A. High level radiation
C. Plutonium
- B. Natural uranium
D. Smoke detectors
8. IBCs are:
- A. intermodal bulk containers.
C. international bulk containers.
- B. intermediate bulk containers.
D. intermediate biological containers.
9. Where would you find valves on a one-ton container?
- A. End
C. Bottom
- B. Top
D. Middle
10. Emergency centers such as the _____ are principal agencies providing immediate technical assistance to an emergency responder.
- A. Occupational Safety and Health Administration
B. National Fire Protection Association
C. National Center for Disease Control
D. CHEMTREC®
11. Cryogenic liquids are those which exist at:
- A. greater than 32°F.
C. minus 130°F.
- B. minus 0°F.
D. minus 110°F.
12. A substance that spontaneously releases ionizing radiation would be labeled hazard classification_____.
- A. 7
B. 9
C. 11
D. 13
13. Which value represents an atmosphere that poses an immediate hazard to life or can cause irreversible, debilitating effects on health?
- A. TLV-TWA
B. IDLH
C. REL
D. PEL
14. Beta particles are:
- A. having weight and mass.
B. ionizing radiation like X-rays.
C. deadly radiation.
D. large particles that easily pass through protective gear.

15. Which type of radiation has a physical mass but has no electrical charge?
- A. Beta B. Gamma C. X-ray D. Neutron
16. When contacting the Chemical Transportation Emergency Center, the caller should be prepared to provide the:
- A. name of the site manager at the facility.
B. type of container or vehicle.
C. names of the responders.
D. number of casualties.
17. The Chemical Transportation Emergency Center can aid responders if:
- A. they have a Safety Data Sheet to fax.
B. they have received financial authorization for clean-up.
C. the name of the shipper or manufacturer is known.
D. they are the approved hazardous materials team.
18. The Chemical Transportation Emergency Center and the Canadian Transport Emergency Centre can usually provide:
- A. authorization for cleanup. B. previous incidents and exposures.
C. technical information. D. advice on remediation contractors.
19. In an emergency at a facility with bulk chemical storage, where the Safety Data Sheet is not available on site, the firefighter may obtain information from:
- A. an Environmental Protection Association Alert.
B. the chemical abstract services.
C. the Department of Transportation.
D. the Chemical Transportation Emergency Center.
20. What would be the major concern if you were to come upon a leaking tanker of the type pictured below?



- A. Frost bite
B. Ignition of vapors
C. Encountering corrosives
D. Encountering bulk solids

21. Radiation that can be stopped by a piece of paper consists of _____ particles.
- A. alpha B. beta C. neutron D. gamma
22. The radiation that is least dangerous as a threat to external portions of the body but is very dangerous if ingested or inhaled is:
- A. alpha. B. ultraviolet.
C. electromagnetic. D. gamma.
23. _____ rays are the most dangerous type of radiation.
- A. Alpha B. Beta C. Neutron D. Gamma
24. Caustic sodium hydroxide and potassium hydroxide are examples of:
- A. polymers. B. catalysts. C. acids. D. bases.
25. Chemicals that ignite when combined create _____ reaction.
- A. a hyperbolic B. an exothermic C. a congenial D. a cryogenic
26. Responders can contact the shipper directly from the emergency contact information on the:
- A. Safety Data Sheet. B. Pre-Incident Plan.
C. shipping papers. D. Chemical Abstract Service.
27. A _____ is a release that is the result of a broken or damaged valve(s) that may last from several seconds to several minutes, depending on the size of the opening, type of container, and nature of contents.
- A. spill B. detonation
C. rapid relief D. violent rupture
28. _____ materials may cause severe chemical burns and extensive tissue damage.
- A. Corrosive B. Radioactive C. Carcinogenic D. Etiologic
29. Which substance would be classified as a chemical asphyxiant?
- A. Carbon dioxide B. Nitrogen
C. Hydrogen cyanide D. Methane

EXAM PREP: HAZARDOUS MATERIALS AWARENESS & OPERATIONS

30. Vapors that attack the mucous membranes, such as the surfaces of the eyes, nose and throat, are considered:
- A. asphyxiants. B. irritants. C. anesthetics. D. carcinogens.
31. _____ interfere with oxygen exchange during normal respiration.
- A. Anesthetics B. Carcinogens C. Irritants D. Asphyxiants
32. Materials such as lithium, finely divided magnesium, sodium, and cesium are classified as:
- A. hypergolic. B. pyrophoric.
C. water reactive. D. inhibitors.
33. _____ is the difference between the upper and lower flammable limits of a gas or vapor.
- A. Flash point B. Ignition temperature
C. Flammable/explosive range D. Vapor density
34. A corrosive is:
- A. an effect of acids and bases on a metal.
B. a substance's tendency to deteriorate another substance.
C. the percentage of an acid or base dissolved in water.
D. a degree a substance will mix with water.
35. Determining whether a vapor will rise, or fall is:
- A. vapor dispersion. B. vapor density.
C. vaporization. D. specific gravity.
36. Chemicals that are classified as _____ can cause a severe allergic reaction.
- A. asphyxiants B. sensitizers
C. irritants D. convulsants
37. Toxic gases would fall under which UN/DOT hazard class and division?
- A. 1.1 B. 1.2 C. 6.1 D. 2.3
38. Which is considered a Department of Transportation Hazard Class 4 product?
- A. Flammable gas B. Flammable solid
C. Oxidizing substances D. Flammable liquid

39. One type of hazardous material that is classified as Department of Transportation Hazard Class 1.1 is:
- A. spontaneously combustible materials.
 - B. water reactive substances.
 - C. oxidizing substances.
 - D. explosives with a mass explosion hazard.
40. The minimum temperature at which a liquid gives off enough vapors to form an ignitable mixture, with air near the surface, is the:
- A. combustion point
 - B. ignition point
 - C. flash point
 - D. fire point
41. Vapor pressures of a substance at 100°F:
- A. will remain the same substance at 68°F.
 - B. always higher than the same substance at 68°F.
 - C. will be lower than the same substance at 68°F.
 - D. will change chemical composition.
42. Which DOT Hazard Class covers nerve agents used in chemical warfare?
- A. DOT 6.3
 - B. DOT 6.1
 - C. DOT 6.2
 - D. DOT 5.2
43. You respond to a possible Weapons of Mass Destruction event with victims with pinpoint pupils and twitchy muscles. You suspect they were exposed to a:
- A. nerve agent.
 - B. blister agent.
 - C. blood agent.
 - D. irritant agent.
44. The primary hazard to responders rescuing victims in the vicinity of a fire involving products of Hazard Class 1 is:
- A. inhalation.
 - B. ingestion.
 - C. injection.
 - D. explosion.
45. The general routes of entry for human exposure to hazardous materials are:
- A. inhalation, ingestion, radiation, and injection.
 - B. injection, infection, radiation, and adsorption.
 - C. inhalation, ingestion, absorption, and injection.
 - D. absorption, dilution, injection, and ingestion.
46. Pipeline-vent markers are required to state:
- A. Poison control phone number
 - B. Dates and times of pipeline activation
 - C. Name and number for responding agency
 - D. Product name, and phone number of owners.

EXAM PREP: HAZARDOUS MATERIALS AWARENESS & OPERATIONS

47. Shippers of radioactive materials will display a placard that:
- A. displays a number, the higher the number the more radiation is emitted.
 - B. has a red and white striped background.
 - C. lists the number for CHEMTREC.
 - D. describes the level of personal protective equipment required to handle the materials.
48. _____ is the process of taking in materials through the skin or eyes.
- A. Inhalation
 - B. Absorption
 - C. Injection
 - D. Ingestion
49. The route of exposure effecting the respiratory tracts associated with causing ill effects, both acute and chronic, is:
- A. absorption.
 - B. ingestion.
 - C. inhalation.
 - D. injection.
50. After repeated exposure, _____ will cause an allergic reaction.
- A. carcinogens
 - B. convulsants
 - C. irritants
 - D. sensitizers
51. Materials such as benzene, asbestos, and arsenic are:
- A. corrosives.
 - B. convulsants.
 - C. irritants.
 - D. carcinogens.
52. Which is a symptom of an irritant exposure?
- A. Diarrhea
 - B. Burning sensation to eyes
 - C. Convulsions
 - D. Fluid in lungs
53. One of the most common products of combustion encountered in structure fires is:
- A. Benzene.
 - B. carbon monoxide.
 - C. Hydrogen Chloride.
 - D. Sulfur Dioxide.
54. A poison that can be harmful if inhaled, swallowed, absorbed or introduced into the body is:
- A. an asphyxiant.
 - B. toxic.
 - C. corrosive.
 - D. a virus.
55. The resource that would be useful in determining the size of an endangered area during a hazmat incident is the:
- A. International Fire Service Training Association Training Manual.
 - B. National Fire Protection Association Guidebook.
 - C. Emergency Response Guidebook.
 - D. Environmental Protection Agency.

56. A process by which one substance combines with a second substance is:
- A. absorption.
 - B. mixture.
 - C. combination.
 - D. solution.
57. A process by which a hazardous liquid flow is redirected away from an area is:
- A. absorption
 - B. dispersion
 - C. diversion
 - D. retention
58. The term shelter-in-place protection is:
- A. keeping everyone not directly involved in the emergency operation away from the affected area.
 - B. allowing only first responders into the affected area.
 - C. moving everyone from a threatened area to a safer area.
 - D. having people remain inside a building.
59. Which is a potential ignition source found at the scenes of hazardous materials incidents?
- A. Radios and flashlights
 - B. Cylume sticks
 - C. Contaminated water
 - D. Inert gas
60. The term evacuate is:
- A. allowing only first responders into the affected area.
 - B. having people remain inside a building rather than moving them to another area.
 - C. moving everyone from a threatened area to a safer area.
 - D. keeping everyone not directly involved in the emergency operation away from the affected area.
61. The zone where contamination has occurred or has the potential to occur and requires established entry and exit control points is:
- A. warm/contamination reduction zone.
 - B. safety/cold zone.
 - C. hot/exclusion zone.
 - D. cold/support zone.
62. One of the factors that can change the evacuation area is:
- A. firefighters entering incidents from the north.
 - B. a change in wind direction.
 - C. the number of firefighters responding to the incident.
 - D. the number of firefighters with self-contained breathing apparatus.

63. The first step or most important thing to accomplish upon arrival at a hazardous materials or suspected hazardous materials incident is:
- A. identification of the spilled or released product.
 - B. victim recovery.
 - C. notification of the hazardous materials response team.
 - D. isolation of the area and prevention of entry.
64. The goal of an emergency decontamination procedure is to:
- A. completely remove all possible contamination while protecting the environment from run-off.
 - B. remove any residual contamination after gross decontamination is completed.
 - C. eliminate cross contamination of hospital personnel.
 - D. quickly remove any threatening contamination.
65. The taking of hazardous materials into the body through the undamaged skin and the eyes are:
- A. absorption.
 - B. ingestion.
 - C. inhalation.
 - D. injection.
66. Which statement about emergency decontamination is true?
- A. It can be implemented without a formal decontamination area.
 - B. It provides only fine decontamination.
 - C. The victim does not pose a threat of secondary contamination.
 - D. It removes the threat of secondary decontamination.
67. _____ is designed to remove contaminants that pose immediate threat to life.
- A. Emergency decontamination
 - B. Secondary decontamination
 - C. Decontamination
 - D. Primary decontamination
68. A way that personnel, personal protective equipment, apparatus, and tools become contaminated is by:
- A. working in the cold zone.
 - B. working upwind and uphill from the hot zone.
 - C. parking apparatus upwind.
 - D. secondary contamination.
69. The hand signal with the responder placing their hands across the throat indicates:
- A. vision problem.
 - B. air problems.
 - C. they are okay.
 - D. hazardous atmosphere.

70. To determine whether the personal protective equipment provided is appropriate for defensive operations, the *Emergency Response Guidebook* should be used. The section in which this information would be found is colored:

- A. yellow. B. blue. C. orange. D. green.

71. Work uniforms that provide minimal protection according to the Environmental Protection Agency is _____ protection.

- A. Level A B. Level B C. Level C D. Level D

72. The highest level of respiratory protection needed but lesser chemical protection required for the skin is:

- A. Level A B. Level B C. Level C D. Level D

73. Dizziness, headache, and nausea are all signs of:

- A. heat stroke. B. heat cramps.
C. heat exhaustion. D. heat failure.

74. Penetration is the:

- A. time for the chemical to move through the protective suit.
B. physical damage from a chemical.
C. occurring on a molecular level.
D. movement of material through closures.

75. Symptoms of heat _____ include little or no sweating; hot, dry, red, skin; deep, then shallow breathing; and rapid pulse.

- A. stroke B. exhaustion C. cramps D. rash

Did you score 80% or higher on Exam I-2 Feedback? Circle Yes or No in ink. We will return to your Yes or No answer to this question later in SAEP®.

- ❖ **Helpful hint** – Try to determine why you selected the wrong answer. Usually something influenced your selection. Focus on the difference between your wrong answer and the correct answer. Carefully read and study the entire paragraph containing the correct answer. Highlight the answer just as you did for Exam I-1. Don't forget to read the paragraphs before and after the answer paragraph!

Now that you have finished the Feedback Step for Examination I-2, it is time to repeat the process by taking another comprehensive examination for the NFPA Standard 1072.

PTS Publications

A Division of Performance Training Systems, Inc.

Hazardous Material Awareness

Exam Prep I-2

Feedback and Answers

Sixth Edition - 2019

Please read instructions on next page!

Directions: Follow these steps carefully for completing the Feedback Part of Systematic Approach to Exam Preparation SAEP®:

1. After entering your scores, look up the answers for the exam items you missed as well as those you guessed, even if you guessed correctly. If you are guessing it means the answer isn't perfectly clear. In this process we are committed to making you as knowledgeable as possible.
2. Enter the number of missed and guessed exam items in the blank on the next page following the end of the examination.
3. Highlight the answer in the reference materials. Once you have highlighted the answer, read the paragraph preceding and the paragraph following the one in which the correct answer is located. This is **essential** to learning the material in **context** and by **association**. These learning techniques (context/association) are the very backbone of the SAEP® method.
4. Once you have completed the Feedback part you may proceed to the next examination.

1. 5.2.1 ID POT HAZARD 87

Reference: NFPA 1072, 5.2.1 (A- 2,3) (B- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1107, Table 24.8.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 266-267. Table 5.7 Table 5.8

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 73,76. Fig. 4-5

Answer: C

2. 5.2.1 ID POT HAZARD 88

Reference: NFPA 1072, 5.2.1 (A- 2,3) (B- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1107, 1139, Table 24.8.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 266-267. Table 5.7 Table 5.8

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 74,76. Fig. 4-5

Answer: A

3. 5.2.1 ID POT HAZARD 89

Reference: NFPA 1072, 5.2.1 (A- 3,8(j)) (B- 1,5).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, Ch. 24, page 1171, Figure 24.197.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 194, 195. Fig. 4.76.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 95,96. Fig. 4-42

Answer: A

4. 5.2.1 ID POT HAZARD 90

Reference: NFPA 1072, 5.2.1 (A- 2) (B- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1107, 1139, Table 24.8.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 267. Table 5.8

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 73,74,76. Fig. 4-5

Answer: C

5. 5.2.1 ID POT HAZARD 93

Reference: NFPA 1072, 5.2.1 (A- 2,3,8(j)) (B- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1144.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 96.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 97. Fig. 4-45

Answer: C

6. 5.2.1 ID POT HAZARD 94

Reference: NFPA 1072, 5.2.1 (A- 2,3,8(j)) (B- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1143.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 273.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 97.

Answer: B

7. 5.2.1 ID POT HAZARD 95

Reference: NFPA 1072, 5.2.1, (A- 2,8(j)) (B- 2)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1144.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 67.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 97.

Answer: D

8. 5.2.1 ID POT HAZARD 100

Reference: NFPA 1072, 5.2.1 (A- 2) (B- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1149.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 76.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 277.

Answer: B

9. 5.2.1 ID POT HAZARD 102

Reference: NFPA 1072, 5.2.1 (A- 2) (B- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1118.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 272. Fig. 5.93

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 73- 74. Fig. 4-1E

Answer: A

10. 5.2.1 ID POT HAZARD 104

Reference: NFPA 1072, 5.2.1 (A- 6(a)) (B- 5), 5.3.1 (A- 1,7,10), 4.3.1 (A- 1), 4.4.1 (A- 2) (B- 2).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, Ch. 24, page 1222.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 204.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 82.

Answer: D

11. 5.2.1 ID POT HAZARD 105

Reference: NFPA 1072, 5.2.1 (A- 8(f)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1220, 1125.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 44.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 255.

Answer: C

12. 5.2.1 ID POT HAZARD 106

Reference: NFPA 1072, 5.2.1 (A- 1,3,8(j)) (B- 2)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1151, 1159.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 76, 78, 85. Fig. 2.37 Fig. 2.40 Table 2.5

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 34-35,38. Fig. 2-25

Answer: A

13. 5.2.1 ID POT HAZARD 107

Reference: NFPA 1072, 5.2.1 (A- 12) (B- 8).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1307, 1334.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 107, 166.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 423, 534. Table 11.1

Answer: B

14. 5.2.1 ID POT HAZARD 110

Reference: NFPA 1072, 5.2.1 (A- 8(j)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1071.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 534. Table 11.1

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 61.

Answer: B

15. 5.2.1 ID POT HAZARD 115

Reference: NFPA 1072, 5.2.1 (A- 8(j)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1071.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 165.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 61.

Answer: D

16. 5.2.1 ID POT HAZARD 116

Reference: NFPA 1072, 5.2.1 (A- 4,6(a)) (B-5), 5.3.1 (A- 1,10), 4.4.1 (A- 1) (B- 2).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1223.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 204.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 82.

Answer: B

17. 5.2.1 ID POT HAZARD 117

Reference: NFPA 1072, 5.2.1 (A- 4,6(a)) (B-5), 5.3.1 (A- 1,10).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1223.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 204.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 82.

Answer: C

18. 5.2.1 ID POT HAZARD 118

Reference: NFPA 1072, 5.2.1 (A- 4,6(a),) (B-5), 5.3.1 (A- 1,10).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1222.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 205.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 82.

Answer: C

19. 5.2.1 ID POT HAZARD 119

*Reference: NFPA 1072, 5.2.1 (A- 4,5,6(a)) (B-5), 5.3.1 (A- 1,7,10).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1222.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 204.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 82.*
Answer: D

20. 5.2.1 ID POT HAZARD 120

*Reference: NFPA 1072, 5.2.1 (A- 2) (B- 1).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1132, 1133 Figure 24.134.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 249. Fig. 5.5
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 78. Fig. 4-16*
Answer: C

21. 5.2.1 ID POT HAZARD 121

*Reference: NFPA 1072, 5.2.1 (A-8(j))
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1071,1072 Figure 24.38.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 64.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition,
page 61. Fig. 3-17*
Answer: A

22. 5.2.1 ID POT HAZARD 122

*Reference: NFPA 1072, 5.2.1 (A-8(j)).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1071.
IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 163-164.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 61. Fig. 3-17.*
Answer: A

23. 5.2.1 ID POT HAZARD 123

*Reference: NFPA 1072, 5.2.1 (A-8(j)).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1071.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 165.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 62.*
Answer: D

24. 5.2.1 ID POT HAZARD 124

*Reference: NFPA 1072, 5.2.1 (A- 8(c)).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1066, Figure 24.31.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 157.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 59. Fig. 3-15*
Answer: D

25. 5.2.1 ID POT HAZARD 125

*Reference: NFPA 1072, 5.2.1 (A- 8(b)).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1052,1166.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 26.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 59. Fig. 3-15*
Answer: B

26. 5.2.1 ID POT HAZARD 130

*Reference: NFPA 1072, 5.2.1 (A- 5,6(b, c, d),7) (B- 5). 5.3.1 (A- 1,8).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1200.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 99.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 29-30. Fig. 2-18*

Answer: C

27. 5.2.1 ID POT HAZARD 131

*Reference: NFPA 1072, 5.2.1 (A- 1,2,8(n)).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1084.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 218.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 23.*

Answer: C

28. 5.2.1 ID POT HAZARD 133

*Reference: NFPA 1072, 5.2.1 (A- 8(c),12).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1051.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 112. IFSTA, Hazardous Materials for First Responders, 5th Edition, page 27.*

Answer: A

29. 5.2.1 ID POT HAZARD 135

*Reference: NFPA 1072, 5.2.1 (A- 8(m, n))
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1078.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 395.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 182.*

Answer: C

30. 5.2.1 ID POT HAZARD 136

*Reference: NFPA 1072, 5.2.1 (A- 8(m, n)).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1077.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 172.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 69.*

Answer: B

31. 5.2.1 ID POT HAZARD 137

*Reference: NFPA 1072, 5.2.1 (A- 8(m, n)).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1077.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 172.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 42.*

Answer: D

32. 5.2.1 ID POT HAZARD 138

*Reference: NFPA 1072, 5.2.1 (A- 8(m)).
IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1166, Figure 24.190.
IFSTA, Hazardous Materials for First Responders, 5th Edition, page 198.
Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 58.*

Answer: C

33. 5.2.1 ID POT HAZARD 139

Reference: NFPA 1072, 5.2.1 (A- 8(d,e)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1065.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 156.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 54.

Answer: C

34. 5.2.1 ID POT HAZARD 140

Reference: NFPA 1072, 5.2.1 (A- 8(c)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1051.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 157-158.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 58.

Answer: B

35. 5.2.1 ID POT HAZARD 145

Reference: NFPA 1072, 5.2.1 (A- 8(m)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1060.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 148-149.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 56.

Answer: B

36. 5.2.1 ID POT HAZARD 147

Reference: NFPA 1072, 5.2.1 (A- 1,8(n)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1077.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 173.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 63.

Answer: B

37. 5.2.1 ID POT HAZARD 148

Reference: NFPA 1072, 5.2.1 (A- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1163, Figure 24.185.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 76, 78, 83. Fig. 2.37 Fig. 2.40

Table 2.5

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 37.

Answer: D

38. 5.2.1 ID POT HAZARD 149

Reference: NFPA 1072, 5.2.1 (A- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1151, 1166, 1159.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 76, 78, 83. Fig. 2.37 Fig. 2.40

Table 2.5

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 37.

Answer: B

39. 5.2.1 ID POT HAZARD 150

Reference: NFPA 1072, 5.2.1 (A- 1)..

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1161, Table 24.15.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 76, 78, 83. Fig. 2.37 Fig. 2.40

Table 2.5

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 37.

Answer: D

40. 5.2.1 ID POT HAZARD 151

Reference: NFPA 1072, 5.2.1 (A- 8(e)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1064, Figure 24.29.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 154-155. Fig. 4.29

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 53.

Answer: C

41. 5.2.1 ID POT HAZARD 152

Reference: NFPA 1072, 5.2.1 (A- 8(m)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1064-1065.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 145.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 55.

Answer: B

42. 5.2.1 ID POT HAZARD 153

Reference: NFPA 1072, 5.2.1 (A- 1,10(a,b))

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1275, Table 25.4.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 76, 78, 83. Fig. 2.37 Fig. 2.40 Table 2.5

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 37.

Answer: B

43. 5.2.1 ID POT HAZARD 155

Reference: NFPA 1072, 5.2.1 (A- 10(a,b)).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1276.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 394. Table 8.4.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 92.

Answer: A

44. 5.2.1 ID POT HAZARD 162

Reference: NFPA 1072, 5.2.1 (A- 1,8(d,e))

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1151.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 178. Fig. 4-58

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 37.

Answer: D

45. 5.2.1 ID POT HAZARD 165

Reference: NFPA 1072, 5.2.1 (A- 4,5,8(a,h,i),12)(B- 8)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1050.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 23-24. Fig. 1.9.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 40. Fig. 2-31.

Answer: C

46. 5.2.1 ID POT HAZARD 167

Reference: NFPA 1072, 5.2.1 (A- 3,6(a-d)),12)(B- 5)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1146, 1147. Figure 24.162.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 172.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 32.

Answer: D

EXAM PREP: HAZARDOUS MATERIALS AWARENESS & OPERATIONS

47. 5.2.1 ID POT HAZARD 168

Reference: NFPA 1072, 5.2.1 (A- 6(b-d),7) (B- 8)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1170.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 165.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 95.

Answer: A

48. 5.3.1 ID ACTION OPT 1

Reference: NFPA 1072, 5.3.1 (A- 15,17).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1050.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 23.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 42.

Answer: B

49. 5.3.1 ID ACTION OPT 2

Reference: NFPA 1072, 5.3.1 (A- 15,17).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1050.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 23.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 40.

Answer: C

50. 5.3.1 ID ACTION OPT 7

Reference: NFPA 1072, 5.3.1 (A-15,17).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1077.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 173.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 63.

Answer: D

51. 5.3.1 ID ACTION OPT 10

Reference: NFPA 1072, 5.3.1 (A- 15,17).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1077.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 173.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 159,59.

Answer: D

52. 5.3.1 ID ACTION OPT 11

Reference: NFPA 1072, 5.3.1 (A- 15).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1077.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 172.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 69.

Answer: B

53. 5.3.1 ID ACTION OPT 13

Reference: NFPA 1072, 5.3.1 (A- 15).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1078.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 174.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 160.

Answer: B

54. 5.3.1 ID ACTION OPT 15

Reference: NFPA 1072, 5.3.1 (A- 15,17)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1051, 1075.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 36. Table 1.3

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 66.

Answer: B

55. 5.3.1 ID ACTION OPT 22

Reference: NFPA 1072, 5.3.1 (A- 6).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1190.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 114.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 32.

Answer: C

56. 5.3.1 ID ACTION OPT 31

Reference: NFPA 1072, 5.3.1 (A- 15,17)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, pages 1050, 1343.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 489.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 212.

Answer: A

57. 5.3.1 ID ACTION OPT 32

Reference: NFPA 1072, 5.3.1 (A- 3) (B- 1,2), 5.4.1 (A- 1) (B-1,2)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1345.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 614-615. Fig. 13.10.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 272, 275.

Skill Drill 12-6

Answer: C

58. 5.4.1 ACT PLAN IMPLE 2

Reference: NFPA 1072 , 5.4.1 (A-1,3,6(a-d)) (B- 1,2), 4.3.1 (A- 2-3) (B- 2).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1249.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 128.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 110, 139.

Answer: D

59. 5.4.1 ACT PLAN IMPLE 4

Reference: NFPA 1072, 5.4.1 (A- 1,9) (B- 1,2)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1227.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 201-202,616.Fig. 4.85.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 135. Fig. 6-3.

Answer: A

60. 5.4.1 ACT PLAN IMPLE 6

Reference: NFPA 1072 , 5.4.1 (A- 2) (B- 1,2), 4.3.1 (A- 2-3) (B- 4,5)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1194.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 122.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 110.

Answer: C

EXAM PREP: HAZARDOUS MATERIALS AWARENESS & OPERATIONS

61. 5.4.1 ACT PLAN IMPL 14

Reference: NFPA 1072, 5.4.1 (A- 5) (B- 3)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1075, Figure 24.43.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 350, 363. Fig. 8.3.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 137,153.

Answer: C

62. 5.4.1 ACT PLAN IMPL 17

Reference: NFPA 1072, 5.4.1 (A- 1) (B- 1,2), 4.3.1 (A- 1-3) (B- 1,2,3,5)..

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1195, Figure 24.220.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 335. Fig. 7.13.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 138.

Answer: B

63. 5.4.1 ACT PLAN IMPL 36

Reference: NFPA 1072, 5.4.1 (A- 1) (B- 1,2), 4.3.1 (A- 2) (B- 4).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1194.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 120-121. Fig. 3.9.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 19.

Answer: D

64. 5.5.1 EMERG DECON 2

Reference: NFPA 1072, 5.5.1 (A- 5) (B- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1238.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 314.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 124,210.

Answer: D

65. 5.5.1 EMERG DECON 5

Reference: NFPA 1072, 5.5.1 (A- 3), 5.3.1 (A- 15,17).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1343.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 23.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 42.

Answer: A

66. 5.5.1 EMERG DECON 6

Reference: NFPA 1072, 5.5.1 (A- 4,5) (B- 1,3).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1238.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 314, 480.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 124,210.

Answer: A

67. 5.5.1 EMERG DECON 7

Reference: NFPA 1072, 5.5.1 (A- 4) (B- 1), 6.4.1 (A- 3-5) (B- 2-4).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, Ch.25, page 1238.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 314, 480.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 124,210.

Answer: A

68. 5.5.1 EMERG DECON 8

Reference: NFPA 1072, 5.5.1 (A- 1,2,3), 5.3.1 (A- 15,17).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1359.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 124, 479.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 63,126.

Answer: D

69. 5.6.1 PROG EVAL REP 6

Reference: NFPA 1072, 5.6.1 (A- 3,4,5) (B- 3,4).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1336.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 464. Table 9.7.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 198. Fig. 8-12B.

Answer: B

70. 6.2.1 PERS PROT EQUI 1

Reference: NFPA 1072, 6.2.1 (A- 1) (B- 1), 5.3.1 (A- 6,14) (B- 3).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1195.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 118-119.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 35-37. Fig. 2-28

Answer: C

71. 6.2.1 PERS PROT EQUI 9

Reference: NFPA 1072, 6.2.1 (A- 1,3) (B- 1).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1325.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 443, 444, 447.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 194.

Answer: D

72. 6.2.1 PERS PROT EQUI 10

Reference: NFPA 1072, 6.2.1 (A- 1,3) (B- 1)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1323.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 445-446.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 184.

Answer: B

73. 6.2.1 PERS PROT EQUI 22

Reference: NFPA 1072, 6.2.1 (A- 3)

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1365.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 455.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 142.

Answer: C

74. 6.2.1 PERS PROT EQUI 24

Reference: NFPA 1072, 6.2.1 (A- 3).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1320.

IFSTA, Hazardous Materials for First Responders, 5th Edition, page 442. Fig. 9.26.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, pages 117, 180.

Answer: D

EXAM PREP: HAZARDOUS MATERIALS AWARENESS & OPERATIONS

75. 6.2.1 PERS PROT EQUI 26

Reference: NFPA 1072, 6.2.1 (A- 3).

IFSTA, Essentials, 7th Edition, Hazmat Awareness and Ops, page 1329.

IFSTA, Hazardous Materials for First Responders, 5th Edition, pages 455-456.

Jones and Bartlett, Hazardous Materials Awareness and Operations, 3rd Edition, page 142.

Answer: A

Don't forget to enter the information on your Personal Progress Plotter and answer the Yes and No question at the end of the Exam. This step is extremely important for the successful completion of the Systematic Approach to Examination Preparation!