

Rapid-Fire

Student Edition Test Page

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TEST

Fire Department Incident Safety Officer

1. Which **NFPA** standard contains requirements, duties, and responsibilities for the ISO?

p.9

- A.) *NFPA 1521*
- B.) *NFPA 1026*
- *C.) *NFPA 1561*
- D.) *NFPA 1500*

2. Within what margin of error are the NFPA injury reports considered to be when using returned surveys?

p. 10

- A.) 6%
- *B.) 5%
- C.) 3%
- D.) 4%

3. Under which level do the ISOs dispatched under the **NIMS** at a specialty team incident fall?

p.43

- A.) *Administrative*
- B.) *Command*
- C.) *Operational*
- *D.) *Tactical*

4. What is the cost of workers' compensation programs based upon?

p. 11

- *A.) *Claim history*
- B.) *Department size*
- C.) *County support*
- D.) *Training type*

5. Which is the better source to consult when determining the equipment that will make incident operations safer?

p.20

- A.) *Safety supply catalogs*
- 8 .) *Nice to have equipment list***
- C.) *Current trade journals*
- *D.) *Required equipment list***

6. Which is a popular means of ensuring an ISO is available on scene?

p. 45

- A.) *Using the company officer on scene*
- *B.) *Using the training officer on call***
- C.) *Using the second in command to arrive*
- D.) *Using the lowest ranked officer*

7. What was created in response to the devastating results of hazardous materials release incidents?

p. 32

- * A.) *EPA***
- 8 .) *DHS***
- C.) *NRF*
- D.) *NFPA*

8. What color tape should be used to mark off areas of no-entry for firefighters?

p.49

- A.) *Blue and red slashed*
- 8.) *Green***
- C.) *Yellow*
- *D.) *Red and white slashed***

9. What must be done with the ISO's options at an incident?

p.47

- *A.) *Develop SOPs***
- 8 .) *Develop briefing stats***
- C.) *Develop training logs*
- D.) *Develop IAPs*

10. What should be used to be able to identify the ISO on the incident scene?

p.48

- *A.) *Vest of a different color***
- 8.) *Laminated name badge***
- C.) *High -visibility jacket*
- D.) *Safety helmet without a face guard***

11. What leads in causes of firefighter line-of-duty deaths?

p. 22

- A.) *Poor attitude*
- B.) *Mental breakdown*
- C.) *Fear*
- *D.) *Overexertion***

12. What is the first step taken to develop a formal SOP?

p. 17

- A.) *Review outcomes from the SOPs*
- B.) *Write the most important SOPs first*
- *C.) *Establish the administrative process to create, edit, alter, or delete established processes***
- D.) *Perform a history analysis of previously implemented SOPs in the department*

13. When was the Williams-Steiger Act passed which created OSHA?

p.8

- A.) *1973*
- B.) *1971*
- C.) *1972*
- *D.) *1970***

14. With which system is a 24/7 duty position with an ISO always available?

p.46

- A.) *Health and safety committee members*
- B.) *All eligible officers*
- *C.) *Dedicated ISO***
- D.) *Training officer*

15. Which NFPA standard contains the job performance requirements for the ISO and HSO?

p. 33

- A.) *NFPA 1551*
- B.) *NFPA 1531*
- *C.) *NFPA 1521***
- D.) *NFPA 1561*

16. What can be looked at when determining which equipment can make a difference in the safety of personnel?

p.20

- A.) *OSHA recommendations*
- B.) *Equipment maintenance records*
- C.) *SOPs of the local departments*
- *D.) *Injury and death statistics***

U With which method of ISO assignment does the disadvantage of needing to purchase ISO equipment for all personnel potentially exist?

p. 46

- * A.) *Using Jiealtz and safety committee members*
- B.) *Using training officers*
- C.) *Using a dedicat ed ISO*
- D.) *Using all eligible officer*

18. What are the most common types of injury for all fire service activities?

p. 10

- A.) *Lacerations and bruises*
- B.) *Thermal bums*
- C.) *Cardiac events*
- *D.) *Sprains and strains*

199. What is the first thing that should be addressed in the SOP outline?

p. 19

- *A.) *Purpose oftlze SOP*
- B.) *Expected outcome*
- C.) *Member responsibility*
- D.) *Department SOP contribution*

20. What can serve as a training resource for the ISO'?

p.47

- *A.) *Fire Department Sa/ety Officers Association*
- B.) *Health and Safety Committee Members Association*
- C.) *Fire Service Collaborative Effort Association*
- D.) *Health and Wellbeing Committee Association*

21. Which of the following is NOT generally given a higher priority when developing SOPs?

p. 18

- A.) *Equipment maintenance*
- *B.) *Mayday procedures*
- C.) *PPE*
- D.) *SCBA*

22. What is the cause of most LODDs in the fire service?

p. 10

- A.) *Training related*
- B.) *Fire ground related*
- C.) *Apparatus related*
- *D.) *Cardiac related*

11 What is the first step taken in the classic risk management process?

p.24

- A.) *Hazard prioritization*
- B.) *Hazard classification*
- *C.) *Hazard identification*
- D.) *Hazard evaluation*

24. What makes a well-written SOP?

p. 19

- A.) *If management agrees to it*
- *B.) *If fire fighters follow it*
- C.) *If it is lengthy*
- D.) *If it is detailed*

25. What is the environment generally when the fire department arrives on scene?

p.41

- A.) *Fire is decaying*
- *B.) *Fire is intensifying*
- C.) *Building is stabilizing*
- D.) *Building is collapsing*

26. What is NIOSH part of?

p. 31

- A.) *EPA*
- B.) *NIST*
- C.) *DHS*
- *D.) *CDC*

27. What is the overall strategy of hazard control?

p. 25

- A.) *Litigation*
- *B.) *Mitigation*
- C.) *Culmination*
- D.) *Exportation*

28. Which two steps do fire service practitioners of the classic risk management model tend to overlay the specifics of during operations?

p. 26

- *A.) *Evaluation and control*
- B.) *Prioritization and control*
- C.) *Identification and monitoring*
- D.) *Identification and evaluation*

19. What is the most important thing that a well-applied SOP improves?

p. 19

- A.) *Departmental training*
- B.) *Departmental image*
- C.) *Departmental response*
- *D.) *Departmental safety***

30. When was NFPA 1521 rewritten to reflect the separation of duties for the safety officer?

p.6

- A.) *Late 1980s*
- B.) *Late 1990s*
- *C.) *Mid-1990s***
- D.) *Early 1990s*

31. What must be done for the IC to truly make an difference at an incident scene?

p.40

- A.) *Be overzealous in ISO assignment*
- B.) *Be reactive in ISO assignment*
- C.) *Be justified in ISO assignment*
- *D.) *Be proactive in ISO assignment***

32. Which are typically learned through on-the-job training?

p. 17

- A.) *Formal procedures*
- B.) *Verbal standards*
- C.) *Written guidelines*
- *D.) *Informal processes***

33. What is the key when dealing with weather extremes during operations?

p.44

- *A.) *Acclimation***
- B.) *Delegation*
- C.) *Rotation*
- D.) *ISO assignment*

34. Which reporting agency omits "hometown hero" LODDs?

p. 9

- A.) *IAFF*
- B.) *NIOSH*
- *C.) *NFPA***
- D.) *USFA*

35. Which is NOT a step included in a control hierarchy in its simplest form?

p. 25

- *A.) Adopt**
- B.) Design
- C.) Warn
- D.) Guard

36. During which step of the classic risk assessment process is a value established for the hazard in terms of frequency and severity?

p. 25

- A.) Hazard prioritization
- B.) Hazard monitoring
- C.) Hazard control
- *D.) Hazard evaluation**

37. What is the experience modifier typically based on when determining a department's workers' compensation rate?

p. 11

- A.) 5-year loss experience
- B.) 2-year loss experience
- C.) 4-year loss experience
- *D.) 3-year loss experience**

38. Who is responsible for beginning the accident documentation and investigation process once a Mayday is handled?

p. 45

- A.) Sector commander
- B.) Incident commander
- C.) Company officer
- *D.) Incident safety officer**

39. Which people factor is the hardest to address?

p. 23

- A.) Physical zeal
- *B.) Attitude**
- C.) Mental zeal
- D.) Training

40. At what point in the response is risk to the firefighter the greatest?

p. 42

- A.) En route
- B.) In the middle

- *C.) *Early*
- D.) *Late*

41. What deals with rules of conduct in civil and criminal matters?

p. 32

- * A.) *Statutory law*
- B.) *Guided law*
- C.) *Regulatory law*
- D.) *Case law*

42. Which series of the CFR includes numerous subtitles that are specific to public sector members who engage in rescues and exposure to IDLH environments?

p. 34

- A.) *Title 41 CFR*
- B.) *Title 18 CFR*
- C.) *Title 32 CFR*
- *D.) *Title 29 CFR*

43. When does NIOSH recommend the IO be assigned to an incident?

p.41

- *A.) *Early in the incident*
- B.) *After an injury*
- C.) *Once a need is apparent*
- D.) *Only if firefighters request one*

44. Which should be addressed first when using hazard classes using classic risk assessment?

p. 25

- A.) *Priority 3*
- *B.) *Priority 1*
- C.) *Priority 2*
- D.) *Priority 4*

45. Which is considered to be exclusively an incident safety officer's duties?

p. 7

- A.) *Procedure review*
- B.) *Data analysis*
- C.) *OSHA compliance*
- *D.) *Monitor incidents*

46. Which is considered a last resort in the control hierarchy of classic risk management?

p. 25

- A.) *Isolate*
- *B.) *Use PPE*
- C.) *Apply controls*
- D.) *Eliminate*

47. How many firefighter injuries occur per 1,000 fires on average over the past 30 years?

p.10

- *A.) *22 to 25*
- B.) *28 to 32*
- C.) *25 to 28*
- D.) *32 to 35*

48. What is the understanding of why you do something?

p.22

- *A.) *Education*
- B.) *Training*
- C.) *Recognizing*
- D.) *Rationalization*

49. What is considered a good color of choice for the vest of the ISO?

p.48

- A.) *Yellow*
- B.) *Orange*
- *C.) *Green*
- D.) *Red*

50. Which chapter within NFPA 1500 is essential information for any current fire officer and especially those who are assigned to the ISO position?

p.33

- A.) *Chapter 9*
- B.) *Chapter 6*
- *C.) *Chapter 8*
- D.) *Chapter 7*

51. During what part of the incident should close monitoring of firefighters and fire fighting operations take place?

p.42

- *A.) *First 20 minutes*
- B.) *First 5 minutes*
- C.) *Last 20 minutes*
- D.) *Last 5 minutes*

52. How are firefighter injury and fatality data typically reported?

p.9

- A.) *Monthly*
- *B.) *Annually***
- C.) *Quarterly*
- D.) *Biannually*

53. What will need to happen before an automatic ISO assignment in residential fire incidents should be considered?

p.43

- *A.) *Reduction in injuries***
- B.) *Increase in staffing*
- C.) *Equipment improvements*
- D.) *Specialized training*

54. Which of the following is the least important in the operational triad?

p.20

- A.) *Procedures*
- *B.) *Equipment***
- C.) *Personnel*
- D.) *Training*

55. How often should firefighters and line officers have health screenings performed?

p.22

- A.) *Monthly*
- B.) *Bi-annually*
- C.) *Quarterly*
- *D.) *Annually***

56. What prompts the writing of a majority of fire service-specific standards and regulations?

p.31

- A.) *Political pressure*
- B.) *Personnel changes***
- *C.) *Tragic event***
- D.) *Budget cuts*

57. What is made up of the ideas, skills, and customs that are passed from one "generation" to another?

p.23

- A.) *Health culture*
- B.) *Training culture*
- C.) *Attitude culture*
- *D.) *Safety culture***

58. When did rules begin to be created for the fire service?

p. 30

- A.) *1950s*
- B.) *1930s*
- C.) *1940s*
- *D.) *1960s*

59. Which of the following is usually qualified at the state or local level to function at wildland and interface fires or other disasters?

p.8

- A.) *SOF3*
- *B.) *SOF2*
- C.) *SOFJ*
- D.) *SOF4*

60. Above what span of control should the IC include an ISO?

p.45

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

61. Which chapters within **NFPA 1561** go into specific requirements, functions, and authorities that pertain to the ISO?

p.34

- A.) *Chapters 1 and 3*
- B.) *Chapters 2 and 5*
- C.) *Chapters 4 and 9*
- *D.) *Chapters 5 and 8*

62. Which are strict directives that must be followed with little or no flexibility?

p . 17

- A.) *Standards*
- B.) *Processes*
- *C.) *Procedures*
- D.) *Guidelines*

63. During which war was the safety officer role formalized?

p.8

- A.) *Vietnam War*
- B.) *World War I*
- C.) *Gulf War*
- *D.) *World War II*

64. Whose responsibility is it at the incident scene to accomplish tactical directives in a safe manner?

p. 13

- *A.) Company officer**
- B.) Incident commander
- C.) Incident safety officer
- D.) Individual firefighters

65. Which is intended to promote innovation and industrial competitiveness?

p.32

- *A.) NIST**
- B.) NFPA
- C.) NIMS
- D.) NIOSH

66. In which NFPA standard are the roots of risk management and a dedicated safety officer in the fire service found?

p.8

- A.) NFPA 1430
- *B.) NFPA 1500**
- C.) NFPA 1672
- D.) NFPA 1301

67. What is the incident safety officer a member of?

p. 12

- *A.) Command staff**
- B.) Administrative staff
- C.) Logistical staff
- D.) Tactical staff

68. Where is the deficiency usually found in a department that suffers from costly accidents?

p.22

- A.) Equipment
- *B.) Training**
- C.) Attitude
- D.) Health

69. During which of the ISO's duties will recon take place?

p. 12

- A.) Developing
- B.) Evaluating
- C.) Communicating
- *D.) Monitoring**

1JJ... What acronym is useful to remember the ISO's duties and responsibilities at the incident?

p. 12

- A.) *SAFETY*
- *B.) *MEDIC*
- C.) *TURNER*
- D.) *FLIPS*

71. What is the minimum Fire Officer level that the ISO must be before being assigned to a fire incident?

p. 40

- A.) *Fire Officer III*
- B.) *Fire Officer IV*
- C.) *Fire Officer II*
- *D.) *Fire Officer I*

72. Which typically outlines details and procedures that have the force of law issued by an executive government authority?

p. 32

- A.) *Glide*
- *B.) *Regulation*
- C.) *Procedure*
- D.) *Standard*

73. Within what amount of time after arrival will multiple tasks be going on at one time?

p. 42

- * A.) *15-20 minutes*
- B.) *10-15 minutes*
- C.) *5-10 minutes*
- D.) *0-5 minutes*

74. When did the fire service begin to address the mental health issues of firefighters with critical incident stress management programs?

p.23

- A.) *1990s*
- B.) *1960s*
- *C.) *1980s*
- D.) *1970s*

75. What percent of the initial assignment is committed during a working incident?

p.44

- *A.) *100%*

- 13.) 25%
- C.) 50%
- D.) 75%

76. Who will the ISO be making sure is following the action plan during mutual-aid assignments?

p.45

- A.) *Initial assignment*
- B.) *Both teams*
- *C.) *Visiting team***
- D.) *Neither of the teams*

77. Which is tasked with creating workplace law?

p.31

- A.) *NFPA*
- B.) *DHS*
- *C.) *OSHA***
- D.) *NIOHS*

78. Which is considered the "mother ship" of fire department safety and health?

p.33

- A.) *NFPA 1400*
- *B.) *NFPA 1500***
- C.) *NFPA 1300*
- D.) *NFPA 1600*

79. Which organization has helped to create the 16 initiatives and recommendations for drastically reducing firefighter fatalities and injuries?

p.34

- *A.) *NFFF***
- B.) *NFPA*
- C.) *OSHA*
- D.) *NIOSH*

80. Which is generally first in the preferred order of hazard control strategies in the fire service mitigation hierarchy?

p.25

- A.) *Reduction*
- *B.) *Elimination***
- C.) *Avoidance*
- D.) *Transfer*

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