

2022 NTC Red Book Answer Key

NFPA 72	2016 - National Fire Alarm & Signaling Code
NFPA 70	2014 - National Electrical Code
NFPA 101	2015 - Life Safety Code
IBC	2015 - International Building Code

Fire Alarm Systems (FAS) Section

Fire Alarm Systems (FAS) - Level I

<u>Quiz #1</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	17.14.5
2	C	NFPA 70	250.52(A)(5)
3	B	NFPA 72	A.17.7.4.1
4	A	NFPA 72	18.5.5.1
5	C	NFPA 70	Table 314.16(A)
6	C	NFPA 72	18.4.8.1
7	B	NFPA 72	A.18.4.1.2
8	B	NFPA 72	17.6.3.1.3.1
9	A, C, D	-	OSHA 29 CFR 1910
10	D	NFPA 72	17.7.3.2.1

<u>Quiz #2</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A	NFPA 72	17.6.3.1.1(1)
2	B	NFPA 72	17.5.2
3	C	NFPA 70	Chapter 9, Table 8
4	A	NFPA 72	17.6.3.3.1.1
5	B, D	NFPA 70	760.154(A)
6	D	NFPA 72	17.7.3.2.3.1(2)
7	D	-	OSHA 29 CFR 1910
8	C	NFPA 72	17.7.3.3
9	D	-	OSHA 29 CFR 1910
10	D	NFPA 72	17.6.3.5.1

<u>Quiz #3</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 70	760.179(B)
2	A	OSHA	OSHA 29 CFR 1910
3	C	NFPA 70	760.121(A)(1)
4	B, C, D	-	First Aid
5	B	NFPA 70	Annex C, Table C.1
6	A	NFPA 72	17.7.5.6.5.1(D)
7	A	NFPA 70	342.30(A)(1)
8	D	NFPA 72	17.12.2
9	D	NFPA 70	344.30(B)(1)
10	D	NFPA 70	760.121(B)

<u>Quiz #4</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	Table 14.4.3.2(17)(g)(6)
2	D	-	First aid book
3	A	NFPA 72	Table 14.4.3.2(17)(g)(3)
4	C	-	First aid book
5	D	NFPA 72	Table 14.3.1(22)(c)(2)
6	D	NFPA 70	760.130(3)
7	C	NFPA 72	Table 14.4.3.2(17)(d)(3)
8	C	NFPA 70	760.135(B)
9	C	NFPA 72	Table 14.4.3.2(17)(j)(3)
10	A, B	NFPA 72	Table 14.4.3.2(22)(a)

<u>Quiz #5</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	18.4.3
2	A, B	-	First aid book
3	B	NFPA 72	18.5.3.1
4	C	-	OSHA 29 CFR 1910
5	B	NFPA 72	Table 14.3.1(30)(b)
6	D	NFPA 70	344.28
7	A, C, D	NFPA 70	760.130(B)(I)
8	B	NFPA 70	760.154(A)
9	D	NFPA 72	17.6.2.3
10	D	NFPA 72	2.2

<u>Quiz #6</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	-	NTC Brown Book, page 484
2	D	NFPA 72	12.6.1
3	D	-	NTC Brown Book, page 487
4	B	NFPA 72	12.3.2
5	D	NFPA 70	358.30(A)
6	D	NFPA 72	10.17.5.1
7	A	-	NTC Brown Book, page 482
8	D	NFPA 72	10.3.5(1)
9	B	NFPA 70	760.43
10	D	-	Basic metering

<u>Quiz #7</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A, C, D	NFPA 72	7.5.3
2	A	NFPA 72	Figure 7.8.2(a)
3	D	-	OSHA 29 CFR 1910
4	C	NFPA 72	Figure 7.8.2(a)
5	D	NFPA 72	Figure 7.8.2(a)
6	B	NFPA 70	250.122
7	B	NFPA 70	344.26
8	C	NFPA 72	Figure 7.8.2(f)
9	B	-	OSHA 29 CFR 1910
10	A	NFPA 72	Figure 7.8.2(a)

<u>Quiz #8</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	NFPA 72	14.2.10
2	B	NFPA 72	Figure 7.8.2(g)
3	C	-	Basic metering
4	B	NFPA 72	Figure 7.8.2(g)
5	B	NFPA 70	210.24
6	A, D	NFPA 72	Figure 7.8.2(h)
7	D	NFPA 70	760.43
8	C	NFPA 72	Figure 7.8.2(g)
9	D	NFPA 72	14.4.4.3.3
10	C	NFPA 72	Table 14.4.3.2(17)(g)

<u>Quiz #9</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	NFPA 72	7.4.9
2	C	-	NTC Brown Book, page 472
3	A, C, D	NFPA 72	7.4.5(12)
4	B	NFPA 70	725
5	C	NFPA 72	7.4.7(3)
6	C	NFPA 72	7.5.5.1
7	C	-	NTC Brown Book, page 472
8	C	NFPA 70	760.24(A)
9	D	NFPA 72	7.4.2
10	D	NFPA 72	3.3.251

<u>Quiz #10</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	10.6.7.2.1
2	A	NFPA 72	10.6.7.3.1(2)
3	B	-	OSHA 29 CFR 1910
4	C	-	OSHA 29 CFR 1910
5	A, B, D	NFPA 70	760.121(B)
6	A	NFPA 72	10.6.6.1
7	C	NFPA 72	10.6.3.2
8	C	NFPA 72	10.6.7.2.1.1
9	C	NFPA 70	760.127
10	C	NFPA 72	10.6.7.2.1.2

<u>Quiz #11</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A	NFPA 72	12.3.1
2	B	-	NTC Brown Book, page 482
3	C	NFPA 72	12.6.1
4	B	NFPA 72	12.3.2
5	B	NFPA 72	12.4.2
6	B	NFPA 70	Annex C
7	D	-	NTC Brown Book, page 491
8	A, C, D	NFPA 70	760.179
9	C	NFPA 72	12.3.4
10	A	NFPA 72	10.11.1

<u>Quiz #12</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A, B, D	NFPA 72	26.6.4.1.4
2	B	NFPA 72	A.26.6.3
3	B	-	OSHA 29 CFR 1910
4	D	NFPA 72	26.6.3.8
5	D	-	OSHA 29 CFR 1910
6	C	NFPA 72	26.6.4.1
7	B	NFPA 70	760.136(G)
8	B	NFPA 72	3.3.68
9	B	NFPA 70	760.24(B)
10	D	NFPA 72	26.6.3.3

Fire Alarm Systems (FAS) Level II

<u>Quiz #1</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A, C, D	NFPA 72	Table A.17.7.1.8
2	D	NFPA 72	26.4.6.6.1(2)
3	B	NFPA 72	21.4.2
4	C	NFPA 72	3.3.36.1
5	C	NFPA 72	17.7.3.2.3.1
6	A	NFPA 70	Chapter 9, Table 8
7	A	NFPA 72	23.8.1.2.1
8	C	-	NTC Brown Book, page 491
9	C	IBC	907.2.2.1
10	B	-	OSHA 29 CFR 1910

<u>Quiz #2</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	NFPA 72	12.3.8.1(3)
2	C, D	NFPA 72	24.3.13.4.1
3	C	IBC	Table 907.5.2.3.2
4	C	NFPA 70	Chapter 9, Table 8
5	A	NFPA 72	17.14.8.5
6	A, C, D	NFPA 70	Table 760.154(A)
7	A	-	NTC Brown Book, page 487
8	C	NFPA 70	Annex C, Table C.8
9	A	-	OSHA 29 CFR 1910
10	C	NFPA 70	760.25

<u>Quiz #3</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	Table 18.5.5.7.2
2	C	NFPA 72	18.5.5.5.5
3	D	NFPA 72	Table 17.6.3.5.1
4	B	NFPA 72	18.4.4.1
5	B	NFPA 72	Figure A.17.6.3.1.1(g)
6	A	-	NTC Brown Book, page 453
7	C	NFPA 72	23.8.5.6.2
8	A	-	OSHA 29 CFR 1910
9	A, B, D	NFPA 72	17.7.3.2.4.2)((b)(i)
10	D	IBC	907.2.6.2

<u>Quiz #4</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	C	NFPA 72	21.3.5
2	D	NFPA 72	Table 18.5.5.4.1(a)
3	C	-	NTC Brown Book, page 138
4	B	NFPA 72	17.14.8.6
5	C	-	NTC Brown Book, page 491
6	C	NFPA 72	14.4.2.4(2)
7	B	NFPA 72	18.4.5.3(2)
8	C	NFPA 70	760.179(C)
9	B, C	-	OSHA 29 CFR 1910
10	D	IBC	907.2.4

<u>Quiz #5</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	14.4.4.3.3
2	D	NFPA 72	26.6.3.3
3	A	-	NTC Brown Book, page 482
4	B	NFPA 70	760.24(B)
5	B	NFPA 72	Table 14.4.3.2(30)(f)
6	C	NFPA 72	Table 18.5.5.4.1(b)
7	B	-	OSHA 29 CFR 1910
8	B	NFPA 72	Table 14.4.3.2(17)(j)(1)
9	A, B, D	NFPA 72	Table 14.4.3.2(7)(g)(5)
10	A	IBC	907.4.2.5

<u>Quiz #6</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	C	NFPA 72	Table 17.6.2.1
2	B	NFPA 72	17.7.5.6.5.1(a)
3	C	-	NTC Brown Book, chapter 9
4	C	NFPA 72	18.4.3.1
5	C	IBC	907.2.3
6	C	NFPA 72	10.6.10.3.2
7	D	-	OSHA 29 CFR 1910
8	C	IBC	907.3.1
9	C	-	NTC Brown Book, page 491
10	D	NFPA 70	Table 314.16(A)

<u>Quiz #7</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	-	Contractor textbook
2	A	NFPA 72	7.5.9
3	B, C, D	-	NTC Brown Book, chapter 9
4	A	IBC	907.2.11.3(3)
5	A	-	NTC Brown Book, page 482
6	A	-	OSHA 29 CFR 1910
7	B, C, D	NFPA 72	7.7.2
8	C	NFPA 70	Chapter 9, Table 8
9	A	NFPA 72	18.5.5.5.3
10	B, C, D		Contractor textbook

<u>Quiz #8</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	17.7.6.3.3.1
2	C	NFPA 72	7.4.5(14)
3	B, C, D	NFPA 70	760.154(A)
4	B	IBC	907.2.6.3
5	C	-	NTC Brown Book, page 482
6	D	NFPA 72	17.14.8.5
7	B	NFPA 72	23.8.5.5.2
8	A	NFPA 72	21.2.4
9	B	NFPA 70	Annex C, Table C.8
10	B	-	OSHA 29 CFR 1910

<u>Quiz #9</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	NFPA 72	21.4.1
2	D	-	Project management
3	A, B, D	NFPA 72	21.7.4, 21.7.4.1
4	B	NFPA 70	Table 314.16(A)
5	D	NFPA 72	17.7.3.2.3.1
6	C	NFPA 72	Table 18.5.5.4.1(b)
7	C	NFPA 72	23.8.1.1.2(3)(a)
8	D	-	NTC Brown Book, page 491
9	B	IBC	907.6.4
10	A	-	OSHA 29 CFR 1910

<u>Quiz #10</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	-	NTC Brown Book, page 472
2	A, C, D	-	NTC Brown Book, page 112
3	C	NFPA 72	3.3.85.1.3
4	D	-	NTC Brown Book, page 472
5	A	NFPA 70	760.121(B)
6	A, C, D	NFPA 72	7.8.2(a)
7	B	IBC	907.2
8	A	-	NTC Brown Book, page 472
9	B	-	Basic electronics
10	C	-	OSHA 29 CFR 1910

<u>Quiz #11</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	C	-	NTC Brown Book, page 153
2	A, C	NFPA 70	760.121(A)(1)
3	C	NFPA 72	3.2.7
4	C	NFPA 72	10.6.7.2.1.2
5	C	NFPA 72	10.6.7.2.1.1
6	B	NFPA 72	10.6.6.1
7	C	-	NTC Brown Book, page 302
8	A, B, D	-	OSHA 29 CFR 1910
9	A	IBC	907.2.2.1
10	C	-	(diagram)

<u>Quiz #12</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A	NFPA 72	23.6.1
2	D	NFPA 72	23.8.5.5.2
3	B	NFPA 72	27.6.3.2.2.1(2)(e)
4	C	NFPA 72	Chapter 2
5	B	NFPA 72	Figure A.17.6.3.1.1(g)
6	B	NFPA 72	Figure 7.8.2(f)
7	A	-	NTC Brown Book, page 482
8	C	NFPA 70	760.138(G)
9	D	-	OSHA 29 CFR 1910
10	A, B	IBC	907.2.2(3)

Fire Alarm Systems (FAS) - Level III

<u>Quiz #1</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	Table A.17.7.1.8
2	D	NFPA 72	17.7.3.2.3.1
3	C	NFPA 72	17.7.3.2.4.2(3)(a)
4	A	NFPA 72	A.17.7.3.7
5	C	NPFA 70	760.179(G)
6	D	IBC	907.2.4
7	A	NPFA 101	20.3.4.3
8	B	-	Project management
9	D	-	Project management
10	D	-	(diagram)

<u>Quiz #2</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	NFPA 72	17.7.3.2.3.1
2	A, C, D	-	Project management
3	C	NFPA 70	Chapter 9, Table 8
4	C	IBC	907.2.1
5	A	NFPA 72	A.18.4.3
6	A	NFPA 101	12.3.4.3.3
7	B	NFPA 72	17.7.3.2.4.2(2)(b)
8	D	NFPA 72	24.9.2
9	A	NFPA 72	18.5.5.5
10	D	NFPA 72	23.8.5.4.5

<u>Quiz #3</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	18.5.5.4.1(b)
2	B	-	Project management
3	D	NFPA 72	Table 17.6.3.5.1
4	A	-	Project management
5	D	NFPA 72	14.4.1.1
6	B	NFPA 72	Table B.2.3.2.3.6
7	C	NFPA 72	10.19.2
8	A	NFPA 70	760.139(A)
9	B	IBC	907.2
10	A, B, D	NFPA 101	30.3.4.1.1

<u>Quiz #4</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	14.4.4.3.3.
2	A	NFPA 72	Table 14.4.3.2(d)(3)
3	A, C, D	-	Project management
4	C	NFPA 72	Table 14.4.3.2(27)(b)
5	B	-	Management textbook
6	C	NFPA 72	Table 14.4.3.2(18)(g)
7	D	NFPA 72	14.3.1(9)(d)
8	A	IBC	907.8
9	B	NFPA 70	Chapter 9, Table 8
10	D	NFPA 101	39.4.1

<u>Quiz #5</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	24.8.6
2	C	-	Project management
3	A, B, D	NFPA 72	21.3.13.3
4	B	-	Project management
5	D	NFPA 72	23.8.1.2.1.1(3)
6	D	NFPA 72	26.6.3.4(2)
7	C	NFPA 72	Table 14.4.3.2(30)(f)
8	B	NFPA 101	36.1.2.2.1(1)
9	B	NFPA 70	Chapter 9, Table 8
10	C	IBC	907.2.3

<u>Quiz #6</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	7.3.4.4
2	D	NFPA 72	18.5.5.6.1
3	C	-	Project management
4	C	NFPA 72	17.6.3.1.1(2)
5	A, C, D	-	Project management
6	A	NFPA 72	21.2.4
7	A	NFPA 72	Table 17.6.3.5.1
8	C	NFPA 70	501.10(A)(1)
9	A	NFPA 101	9.6.2.10.5
10	A	IBC	Table 907.5.2.3.2

<u>Quiz #7</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A, D	NFPA 72	Table 18.5.5.4.1(a)
2	B	-	$\$15,000 \times 1.2 = \$18,000$
3	B	NFPA 72	17.7.3.2.4.2(1)
4	B	NFPA 72	24.3.13.4.1
5	D	-	$\$15,000 / 0.80 = \$18,750$
6	A	NFPA 72	Figure A.17.6.3.1.1.1(g)
7	C	-	NTC Brown Book, page 487-491
8	C	-	NTC Brown Book, page 494
9	D	NFPA 101	28.3.4.4.4
10	B	IBC	907.2.12

<u>Quiz #8</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	C	NFPA 72	Table 17.6.3.5.1
2	A	NFPA 72	17.6.3.3.1.2
3	C	-	Project management
4	D	NFPA 72	17.7.5.6.5.1
5	B	-	Project management
6	B	NFPA 72	17.7.3.6.1
7	C	NFPA 72	17.16.1.2
8	B	NFPA 70	110.28
9	B, C, D	NFPA 101	14.3.4.1.2
10	D	IBC	907.2.8 and 907.2.9

<u>Quiz #9</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A	NFPA 72	Table A.18.4.3
2	C	-	Project management
3	C	NFPA 72	17.6.3.4.2.1
4	C	-	Project management
5	B	NFPA 72	Table 17.7.6.3.3.2
6	A	NFPA 72	21.9
7	D	NFPA 72	3.3.266.4
8	A, B, D	NFPA 101	22.3.4.4.2.2
9	C	NFPA 70	Annex C, Table C.8
10	A	IBC	907.2.6.1(exception)

<u>Quiz #10</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	3.3.66.12
2	C	NFPA 72	Table A.17.8.1
3	D	-	Project management
4	B	NFPA 72	23.8.5.4.5
5	C	-	Project management
6	D	NFPA 72	17.7.3.6.2
7	B	-	Project management
8	C	NFPA 70	760.142
9	C	NFPA 72	18.4.4.1
10	D	IBC	907.2.4

<u>Quiz #11</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	17.6.3.5.2
2	A, C	-	Project management
3	A	NFPA 72	17.7.3.2.4.4(6)
4	A, D	-	Project management
5	A	-	NTC Brown Book, page 302
6	D	-	Project management
7	C	NFPA 72	Table B.2.3.2.3.6
8	D	IBC	305.1.1
9	B	IBC	907.2.6
10	D	NFPA 70	760.1

<u>Quiz #12</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A, C, D	NFPA 72	17.5.3.1.2
2	D	NFPA 72	A.17.7.6.2
3	A	-	Project management
4	C	NFPA 72	18.5.5.4.4
5	A, C	-	Project management
6	C	NFPA 72	17.6.3.3.1.2
7	A	NFPA 72	Table A.17.7.1.8
8	A	IBC	Chapter 2
9	C	NFPA 101	13.3.4.1.1
10	C	IBC	714.2

Fire Alarm Systems (FAS) - Level IV

<u>Quiz #1</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	10.4.4 (exception)
2	A, B, C	NFPA 72	17.4.2 and 18.3.4.2
3	C	NFPA 72	10.4.4
4	C	NFPA 72	A.10.18.5
5	A	IBC	907.2.2.1
6	B	IBC	308.4
7	C	NFPA 72	18.4.3.4 and Tbl A.18.4.3
8	C	NFPA 72	17.5.1
9	C	IBC	907.5
10	D	NFPA 72	21.3.8

<u>Quiz #2</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	C	NFPA 72	10.12.2
2	C	-	Project management
3	B	-	Project management
4	C	NFPA 72	17.7.3.2.4.2(2)(a)
5	D	-	(training manual)
6	D	NFPA 72	Table 17.7.6.3.3.2
7	A, C, D	IBC	907.2.13, 907.2.15, 907.2.22
8	C	-	NTC Brown Book, page 302
9	B	NFPA 72	Tbl 14.4.3.2
10	D	IBC	907.2.6.3.3(3)

<u>Quiz #3</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	Table 18.5.5.4.1(a)
2	D	NFPA 72	Table A.10.11.4
3	C	-	Project management
4	A, B	NFPA 72	26.6.3.11.2
5	C	-	Project management
6	B	NFPA 72	A.17.7.5.5.2
7	D	-	(system owner's manual)
8	C	NFPA 72	18.5.5.5.1
9	B	NFPA 72	21.8.2 (exception)
10	A	IBC	907.2.16

<u>Quiz #4</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A	NFPA 72	Figure 7.8.2(a)(2)
2	A	NFPA 72	B.3.2.2
3	B	NFPA 72	17.4.7.3
4	B	-	NTC Brown Book, page 321
5	D	IBC	907.5.2.3.4
6	B	NFPA 72	18.4.8.1
7	C	-	(60 SD x \$175 = \$10,500)
8	A	IBC	907.4.2.3
9	B	NFPA 70	Article 760
10	C	IBC	907.3.2

<u>Quiz #5</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	NFPA 72	10.6.7.2.1.7
2	A	-	Project management
3	D	NFPA 72	10.6.11.3.2.3
4	A	IBC	202
5	B	NFPA 72	10.6.3.4
6	C	-	Project management
7	C	NFPA 72	10.6.5.4
8	A	IBC	907.5.2.3.2
9	C	IBC	907.2.1.1, exception
10	C	IBC	907.2.2

<u>Quiz #6</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	A, B, D	NFPA 72	17.7.1.8
2	C	NFPA 72	18.4.7.2
3	D		Project management
4	C	NFPA 72	17.14.8.6
5	C	IBC	907.2
6	D	NFPA 72	10.13.6.1
7	A	-	(diagram)
8	D	IBC	Section 907
9	B	IBC	Table 508.4
10	A	-	(diagram)

<u>Quiz #7</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	17.5.2
2	C	-	(60 hrs x 200/hr = \$12,000, budget \$25,205 - 12,000 = 13,205)
3	A, B, D	NFPA 72	24.8.11
4	C	-	Project management
5	C	NFPA 72	17.7.3.2.4.2(2)(a)
6	B	-	OSHA 29 CFR 1910
7	B	NFPA 72	17.7.3.2.3.1
8	B	IBC	907.5.2.3
9	A, B, D	IBC	403.4
10	C	IBC	402.7

<u>Quiz #8</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	23.8.5.6.2
2	D	NFPA 72	17.7.3.5.1
3	D	NFPA 72	26.6.4.1.4
4	D	NFPA 72	Table 18.5.5.7.2
5	C	IBC	907.2
6	C	IBC	907.2.1.1
7	C	IBC	907.5.2.3
8	D	NFPA 72	10.5.4.4
9	C	-	Management textbook
10	D	-	Management textbook

<u>Quiz #9</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	26.6.4.1.4(B)(3)
2	C	-	Project management
3	C	NFPA 72	26.6.4.1.3
4	B	-	Project management
5	A	NFPA 72	F.3.1
6	D	-	Project management
7	C	NFPA 72	12.3.2
8	D	NFPA 72	17.7.3.2.3.1
9	B	IBC	907.2.19
10	C	NFPA 72	17.6.2.3

<u>Quiz #10</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	C	NFPA 72	10.6.11.6
2	D	NFPA 72	17.7.3.2.3.1
3	B, D	-	Project management
4	A, C	NFPA 72	Table 18.5.5.4.1(a)
5	C	-	-
6	B		(\$200 hr x 25% = \$50, \$50 x 2,000 hrs = \$100,000)
7	D	NFPA 72	26.4.6.6.4(4)
8	A	IBC	907.6.4.2
9	B	IBC	907.2.4
10	D	IBC	907.2.5

<u>Quiz #11</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	D	NFPA 72	A.21.4.2
2	A, C	IBC	907.3.2
3	C	NFPA 72	12.5.4
4	D	NFPA 72	18.5.3.2(exception)
5	D	NFPA 72	17.7.3.4
6	C	IBC	907.2.7
7	D	IBC	907.2.11.3
8	C	-	(Sub (\$100/hr) - Steven (\$75/hr) = \$25, \$25 x 16 hrs = \$400)
9	A	-	-
10	C	-	(Robert (\$200/hr) x 8 hrs = \$1600)

<u>Quiz #12</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	B	NFPA 72	26.3.8.3
2	D	NFPA 72	A.17.7.3.2.3.1
3	C	-	Project management
4	C	NFPA 72	B.2.2.1.1
5	B	-	Project management
6	B	NFPA 72	G.2.2.1(2)(a)
7	C	NFPA 72	Chapter 2
8	A	IBC	907.2(exception 2)
9	C	IBC	907.2.12.2
10	D	IBC	907.2.5

Inspection and Testing of Fire Alarm Systems (ITF) Section

NFPA 72 **2016** - National Fire Alarm & Signaling Code
NFPA 92 **2018** - Standard for Smoke Control Systems

Inspection & Testing of Fire Alarm Systems (I&TFAS) - Level I

<u>Quiz #1</u>	<u>Answer</u>	<u>Code</u>	<u>Reference</u>
1	C	NFPA 72	14.2.2.2.3
2	A	NFPA 72	3.3.64
3	D	NFPA 72	14.2.3.1
4	C	NFPA 72	14.3.1
5	A	NFPA 72	14.3.1
6	C	NFPA 72	14.3.3
7	A, B	NFPA 72	14.3.1
8	C	NFPA 72	14.3.1
9	C	NFPA 72	14.3.1 ²
10	B	-	OSHA 29 CFR 1926

<u>Quiz #2</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	D	NFPA 72	14.4.3.2
2	C	NFPA 72	14.2.8.2
3	D	NFPA 72	14.2.8.2
4	B	NFPA 72	14.4.3.2
5	B	NFPA 72	14.4.3.2
6	D	-	OSHA 29 CFR 1926
7	A	NFPA 72	14.4.3.2
8	A	NFPA 72	14.4.2.4(2)
9	C	NFPA 72	14.4.4.3.3
10	C	NFPA 72	14.6.2.2

<u>Quiz #3</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	C	NFPA 72	7.2.3
2	A	NFPA 72	7.8.2(f)
3	D	NFPA 72	7.5.5.1
4	B	NFPA 72	7.5.6.6.3
5	D	NFPA 72	7.8.2(g)
6	C	NFPA 72	7.8.2(g)
7	A	NFPA 72	7.5.6.7.2
8	B	NFPA 72	7.7.1.3
9	A	-	OSHA 29 CFR 1926
10	C	NFPA 72	7.7.2.4

<u>Quiz #4</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	A	NFPA 72	10.3.1
2	C	NFPA 72	14.5.4
3	C	NFPA 72	A.17.14.7
4	D	NFPA 72	10.6.5.2.1
5	C	-	OSHA 29 CFR 1926
6	A	NFPA 72	18.5.5.1
7	C	NFPA 72	10.6.7.2.1
8	C	NFPA 72	10.6.7.2.1
9	B	NFPA 72	3.3.266.3
10	A	NFPA 72	17.6.3.1.3.1

<u>Quiz #5</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	D	OSHA	OSHA 29 CFR 1926
2	A	NFPA 72	3.3.12.3
3	C	NFPA 72	17.17.1
4	B	NFPA 72	F.3.4
5	D	NFPA 72	10.17.5
6	B	NFPA 72	23.8.5.5.3
7	B	NFPA 72	10.3.3
8	D	NFPA72	7.5.3
9	C	NFPA72	3.3.66.19
10	C	NFPA 72	18.5.5.5.6

<u>Quiz #6</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	D	NFPA 72	17.7.3.2.3.1
2	A	NFPA 72	17.5.2
3	B	-	OSHA 29 CFR 1926
4	B	NFPA72	21.7.4
5	D	NFPA72	17.7.6.3.3.2
6	D	NFPA 72	17.12.2
7	A	NFPA72	17.14.8.3
8	A	NFPA 72	17.16.1.2
9	B	NFPA 72	10.20.4
10	C	NFPA72	17.7.5.6.3

Inspection & Testing of Fire Alarm Systems (I&TFAS) - Level II

<u>Quiz #1</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	C	NFPA 92	8.6.1.1
2	A	NFPA72	17.7.4.4
3	A	NFPA72	17.7.5.6.6.1
4	C	NFPA 72	17.7.5.6.5.3(a)
5	D	NFPA 72	17.7.6.3.4
6	D	NFPA 72	17.14.8.5
7	D	NFPA 72	23.8.5.6.02
8	B	NFPA72	A.17.12.1
9	D	NFPA 72	17.14.8.6
10	C	NFPA 72	17.7.3.3

<u>Quiz #2</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	B	NFPA 72	7.5.6.2
2	B	NFPA 72	14.4.5.4.1
3	B and C	NFPA 72	26.5.1.5
4	B	NFPA 72	A.17.7.5.4.2.2
5	A	NFPA 72	A.14.6.1.2
6	B	NFPA 72	21.3.5
7	D	NFPA 72	29.7.2 & 29.7.6.7
8	D	NFPA 72	21.4.3
9	E	NFPA 92	8.4.4.4
10	D	NFPA 72	Table 17.6.3.5.1

<u>Quiz #3</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	B	NFPA 72	18.4.8.6
2	D	NFPA 72	17.7.1.8
3	B	NFPA 72	Table 14.3.1
4	C	NFPA 72	17.7.3.2.3.1(1)
5	D	NFPA 72	Table 14.4.3.2
6	B	NFPA 72	12.3.6
7	D	NFPA 72	23.8.2.7
8	C	NFPA 72	7.7.2.3
9	A	NFPA 72	21.2.4
10	D	NFPA 72	24.8.6

<u>Quiz #4</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	A	NFPA 72	17.14.5
2	B	NFPA 72	18.4.8.1
3	A	NFPA 72	10.6.7.2.1
4	C	NFPA 72	3.3.266.2
5	B	NFPA 72	A.3.3.66.7
6	D	NFPA 72	3.3.280.2
7	D	NFPA 72	Table A.17.7.1.8
8	B	NFPA 72	3.3.58.1.4
9	D	NFPA 92	6.4.5.2.3
10	C	NFPA 72	17.7.5.6.5.1(A)

<u>Quiz #5</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	C	NFPA 72	17.7.5.6.5.3(a)
2	A	NFPA 72	Table 17.7.6.3.3.2
3	B	NFPA 72	17.15.9.4
4	B	NFPA 72	26.6.4.1.3(c)
5	A	NFPA 92	3.3.23.3
6	D	NFPA 72	23.8.5.5.2
7	A	NFPA 72	23.8.5.6.2
8	D	NFPA 72	17.12.2 & 26.6.3.8
9	B	NFPA 72	17.17.1.2
10	C	NFPA 72	7.5.3(2)

<u>Quiz #6</u>	<u>Answer</u>	<u>Reference</u>	<u>Reference</u>
1	D	NFPA 72	17.4.2 & 18.3.4.2
2	C	NFPA 72	10.6.10.1
3	A	NFPA 92	6.4.1
4	D	NFPA 72	Table 14.4.3.2
5	D	NFPA 72	17.17.4.2
6	B	NFPA 72	Table 14.4.3.2
7	C	NFPA 72	17.7.3.2.3.1
8	A	NFPA 72	Table 14.4.3.2
9	D	NFPA 72	A.18.4.4.1
10	C	NFPA 72	Table 14.4.3.2