



City of Denton

City Hall
215 E. McKinney St.
Denton, Texas 76201
www.cityofdenton.com

Meeting Agenda Civil Service Commission

Wednesday, March 29, 2023

1:00 PM

Police Department Training Facility
Training Room B

After determining that a quorum is present, the Civil Service Commission of the City of Denton, Texas will convene in a Regular Meeting on Wednesday, March 29, 2023, at 1:00 p.m. in the Police Department Training Facility - Training Room B at 719 E. Hickory Street, Denton, Texas, at which the following items will be considered:

1. ITEMS FOR CONSIDERATION

- A. [CSC23-025](#) Introduction of guests.
- B. [CSC23-026](#) Receive public comments.
- C. [CSC23-027](#) Consider approval of the minutes from the March 8, 2023 meeting.
Attachments: [March 8, 2023 Minutes DRAFT](#)
- D. [CSC23-028](#) Receive a report, hold discussion, and take action on the Eligibility List from the Police Department's Lieutenant promotional written examination and research project.
Attachments: [Agenda Information Sheet - Police Lieutenant Eligibility List](#)
[Police Lieutenant Eligibility List](#)
- E. [CSC23-029](#) Receive a report, hold discussion, and take action on the Commission List from the Fire Battalion Chief Examination that was administered on February 28, 2023.
Attachments: [Agenda Information Sheet](#)
[Fire Battalion Chief Commission List](#)
[Fire Battalion Chief Demographics - February 28, 2023](#)
[Fire Battalion Chief Withdrawn Appeals](#)
- F. [CSC23-030](#) Receive a report, hold discussion, and take action on the appealed questions from the Fire Driver Examination that was administered March 2, 2023.
Attachments: [Agenda Information Sheet](#)
[Fire Driver Appeals and Department Responses - Redacted](#)
[Fire Driver Exam Raw Scores](#)
[Fire Driver Demographics - March 2, 2023](#)
[Fire Driver Source Materials List](#)
- G. [CSC23-031](#) Discuss agenda and date of the next Civil Service Commission meeting.

2. CONCLUDING ITEMS

A. Under Section 551.042 of the Texas Open Meetings Act, respond to inquiries from the Civil Service Commission or the public with specific factual information or recitation of policy, or accept a proposal to place the matter on the agenda for an upcoming meeting and under Section 551.0415 of the Texas Open Meetings Act, provide reports about items of community interest regarding which no action will be taken, to include: expressions of thanks, congratulations, or condolence; information regarding holiday schedules; an honorary or salutary recognition of a public official, public employee, or other citizen; a reminder about an upcoming event organized or sponsored by the governing body; information regarding a social, ceremonial, or community event organized or sponsored by an entity other than the governing body that was attended or is scheduled to be attended by a member of the Commission or an official or employee of the municipality; or an announcement involving an imminent threat to the public health and safety of people in the municipality that has arisen after the posting of the agenda.

NOTE: The Civil Service Commission reserves the right to adjourn into a Closed Meeting on any item on its open meeting agenda consistent with Chapter 551 of the Texas Government Code, as amended, or as otherwise allowed by law.

C E R T I F I C A T E

I certify that the above notice of meeting was posted on the official website (<https://tx-denton.civicplus.com/242/Public-Meetings-Agendas>) and bulletin board at City Hall, 215 E. McKinney Street, Denton, Texas, on March 24, 2023, in advance of the 72-hour posting deadline, as applicable, and in accordance with Chapter 551 of the Texas Government Code.

CITY SECRETARY

NOTE: THE CITY OF DENTON'S DESIGNATED PUBLIC MEETING FACILITIES ARE ACCESSIBLE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT. THE CITY WILL PROVIDE ACCOMMODATION, SUCH AS SIGN LANGUAGE INTERPRETERS FOR THE HEARING IMPAIRED, IF REQUESTED AT LEAST 48 HOURS IN ADVANCE OF THE SCHEDULED MEETING. PLEASE CALL THE CITY SECRETARY'S OFFICE AT 940-349-8309 OR USE TELECOMMUNICATIONS DEVICES FOR THE DEAF (TDD) BY CALLING 1-800-RELAY-TX SO THAT REASONABLE ACCOMMODATION CAN BE ARRANGED.



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Legislation Text

File #: CSC23-025, **Version:** 1

AGENDA CAPTION

Introduction of guests.



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Legislation Text

File #: CSC23-026, **Version:** 1

AGENDA CAPTION

Receive public comments.



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Legislation Text

File #: CSC23-027, Version: 1

AGENDA CAPTION

Consider approval of the minutes from the March 8, 2023 meeting.



**CITY OF DENTON
CIVIL SERVICE COMMISSION
SPECIAL CALLED MEETING
MINUTES**

Date/Time: Wednesday, March 8, 2023, at 1:00 p.m.
Location: City Hall East – Human Resources Training Room
601 E. Hickory Street, Denton, TX 76205

After determining that a quorum was present, the Civil Service Commission of the City of Denton, Texas convened in a Special Called Meeting on Wednesday, March 8, 2023, at 1:01 p.m. in the Human Resources Training Room at City Hall East, 601 E. Hickory Street, Denton, Texas.

PRESENT: Commissioners Darhyl Ramsey, John Baines, and Jaime Blanton

ABSENT WITH NOTICE: None

Also present were Civil Service Director Sarah Kuechler, Deputy City Attorney Michael Cronig, Deputy Director of Human Resources Megan Gilbreath, Police Chief Doug Shoemaker, Assistant Police Chief Steve Buchanan, Deputy Police Chief Rachel Fleming, Police Lieutenant Derek Bradford, Police Officer Trevor Taylor, Fire Battalion Chief Lonny Britten, and Civil Service Secretary Crystal Babcock.

1. ITEMS FOR CONSIDERATION

- A. *CSC23-020 Introduction of guests.*

None

- B. *CSC23-021 Receive public comments.*

None

- C. *CSC23-022 Consider approval of the minutes from the February 22, 2023, meeting.*

The Commissioners considered approval of minutes from the February 22, 2023, Civil Service Commission meeting. Commissioner Baines motioned to approve the minutes as presented, Commissioner Blanton seconded the motion. The motion carried, 3 – 0.

AYES (3): Commissioners Baines, Blanton, and Ramsey

NAYS (0): None

ABSENT (0): None

- D. *CSC23-023 Receive a report, hold discussion, and take action on the Post-Appeals Eligibility List from the Police Department's Sergeant promotional examination that was administered on January 27, 2023.*

Commissioner Blanton made a motion to approve the Post-Appeals Eligibility List as presented, Commissioner Baines seconded the motion. The motion carried, 3 – 0.

AYES (3): Commissioners Baines, Blanton, and Ramsey

NAYS (0): None

ABSENT (0): None

E. CSC23-024 Discuss agenda and date of the next Civil Service Commission meeting.

The Civil Service Commission will meet as follows:

- Special Called Meeting on March 29, 2023, at 1:00 p.m.
- Regular Meeting on April 26, 2023, at 1:00 p.m.

Commissioner Blanton made a motion to adjourn at 1:17 p.m.; Commissioner Baines seconded the motion. The motion carried, 3 – 0.

AYES (3): Commissioners Baines, Blanton, and Ramsey

NAYS (0): None

ABSENT (0): None

DARHYL RAMSEY, CHAIR

DATE

CRYSTAL BABCOCK, CIVIL SERVICE SECRETARY

DATE



City of Denton

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Legislation Text

File #: CSC23-028, **Version:** 1

AGENDA CAPTION

Receive a report, hold discussion, and take action on the Eligibility List from the Police Department's Lieutenant promotional written examination and research project.



City of Denton

City Hall
215 E. McKinney Street
Denton, Texas
www.cityofdenton.com

AGENDA INFORMATION SHEET

DEPARTMENT: Human Resources

CM/ DCM/ ACM: Sara Hensley

DATE: March 29, 2023

SUBJECT

Receive a report, hold discussion, and take action on the Eligibility List from the Police Department's Lieutenant promotional written examination and research project.

BACKGROUND

On February 22, 2023, the Civil Service Commission met and heard appeals from the Police Sergeant appellants. Having heard the appeals, the Department's responses, and discussing each appeal amongst the Commissioners, the Commission took the following action on the twelve (12) appeals, over eight (8) questions:

<i>Question</i>	<i>Action</i>	<i>Motion/Second</i>	<i>Vote</i>
3	Accept All Answers	Blanton/Baines	3 – 0
16	Accept A, B, and C	Baines/Blanton	3 – 0
51	Sustain the Answer Key	Blanton/Baines	3 – 0
53	Sustain the Answer Key	Baines/Blanton	3 – 0
65	Appeal was Withdrawn	N/A	N/A
67	Accept All Answers	Blanton/Baines	3 – 0
77	Sustain the Answer Key	Baines/Blanton	3 – 0
100	Sustain the Answer Key	Blanton/Baines	3 – 0

The Eligibility List that follows reflects the post-appeal scores with the research project.

OPTIONS

Hold discussion and take action on the Police Lieutenant Eligibility List.

RECOMMENDATION

Consider, hold discussion, and approve the Police Lieutenant Eligibility List as presented.

EXHIBITS

Exhibit 1 – Agenda Information Sheet

Exhibit 2 – Police Lieutenant Eligibility List

Respectfully submitted:
Crystal Babcock
Civil Service Secretary
Human Resources Operations Supervisor



Denton Police Department Lieutenant's Eligibility List January 27th, 2023

Order	Name	Seniority Points	Exam Points	Project Score	Total Score
1	Gibson, Craig	10	91	93.9	194.9
2	Miller, Scott	10	88	94.2	192.2
3	Deter, Ross	9	85	94.6	188.6
4	Beckwith, David	7	87	91.4	185.4
5	Jackson, Blake	8	87	87.7	182.7
6	Carr, Donnie	10	85	82.1	177.1
7	Velasquez, JR	10	83*	82	175.0

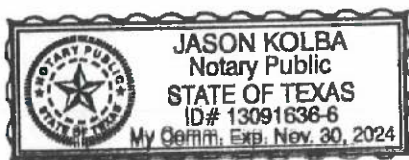
*In accordance with Local Rules 32(B)(2), Texas Local Government Code Ch. 143.032, and USERRA, this exam was given on 2/1/2023

Date Held: January 27th, 2023
 Location: Denton Public Safety Training Center
 Time: 10:00 AM
 Administrator: Deputy Chief Mike Christian

Before me on this day personally appeared, Derek Bradford known to me to be the person who administered the above test and declared to me upon oath that the statements therein contained are true and correct.

Given under my hand and seal of office this 23rd day of March, 2023.

Notary Public in and for Denton County, Texas





City of Denton

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Legislation Text

File #: CSC23-029, **Version:** 1

AGENDA CAPTION

Receive a report, hold discussion, and take action on the Commission List from the Fire Battalion Chief Examination that was administered on February 28, 2023.



AGENDA INFORMATION SHEET

DEPARTMENT: Human Resources

CM/ DCM/ ACM: Sara Hensley

DATE: March 29, 2023

SUBJECT

Receive a report, hold discussion, and take action on the Commission List from the Fire Battalion Chief Examination that was administered on February 28, 2023.

BACKGROUND

The Fire Department held a promotional exam for the rank of Battalion Chief on February 28, 2023. Two appeals were submitted; however, they have been withdrawn.

Demographics are as follows:

- Total Registered: 3
- Total Testers: 3
- Males: 3
- Females: 0
- No Answer: 0
- Passing Scores: 3

Further demographics can be found following the Agenda Information Sheet.

OPTIONS

Hold discussion and take action on the Fire Battalion Chief Commission List.

RECOMMENDATION

Consider, hold discussion, and approve the Fire Battalion Chief Commission List as presented.

EXHIBITS

- Exhibit 1 – Agenda Information Sheet
- Exhibit 2 – Fire Battalion Chief Commission List
- Exhibit 3 – Fire Battalion Chief Exam Demographics
- Exhibit 4 – Fire Battalion Chief Withdrawn Appeals

Respectfully submitted:
Crystal Babcock
Civil Service Secretary
Human Resources Operations Supervisor



DENTON FIRE DEPARTMENT

Fire Battalion Chief Commission List

February 28, 2023

NAME	SENIORITY POINTS	RAW SCORE	WITH POINTS
Hewell, Kevin	10	76	86
Knoles, Jeff	10	74	84
Rozell, Clay	10	70	80

February 28, 2023, Fire Battalion Chief Promotional Exam Demographics

	Number Registered	Percent Registered		Number Present	Percent Present		Number Passed	Percent Passed		Number Failed	Percent Failed
							(of those present)			(of those present)	
Male	3	100.00%		3	100.00%		3	100.00%		0	0.00%
Female	0	0.00%		0	0.00%		0	0.00%		0	0.00%
No Answer	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Total	3	100.00%		3	100.00%		3	100.00%		0	0.00%
African American	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Caucasian	3	100.00%		3	100.00%		3	100.00%		0	0.00%
Hispanic	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Asian	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Native American	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Other	0	0.00%		0	0.00%		0	0.00%		0	0.00%
No Answer	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Total	3			3			3			0	

**Denton Fire Department
Promotional Test Appeal**
Request to Withdraw Appeal

Name: Kevin Hewell DFD ID #: 232 Date: 3/13/23

Instructions: Please complete one form for each question you wish to withdraw your previously submitted appeal. Please print or write legibly.

Examination Title: **Fire Battalion Chief**

Test Question # Appealed (to be Withdrawn): 20

Examination Date: **February 28, 2023**

Department Administering Exam: **Fire**

General nature of objection: (Check one of the following):

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, _____, is correct in addition to the keyed answer. Both answers should be allowed for credit.
- ☐ Other: _____
- ☒ Withdraw Appeal

Signature

[Handwritten Signature]

**Denton Fire Department
Promotional Test Appeal**
Request to Withdraw Appeal

Name: Kevin Hewell DFD ID #: 232 Date: 3/13/23

Instructions: Please complete one form for each question you wish to withdraw your previously submitted appeal. Please print or write legibly.

Examination Title: **Fire Battalion Chief**

Test Question # Appealed (to be Withdrawn): 47

Examination Date: **February 28, 2023**

Department Administering Exam: **Fire**

General nature of objection: (Check one of the following):

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, _____, is correct in addition to the keyed answer. Both answers should be allowed for credit.
- ☐ Other: _____
- ☒ *Withdraw Appeal*

Signature





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Legislation Text

File #: CSC23-030, **Version:** 1

AGENDA CAPTION

Receive a report, hold discussion, and take action on the appealed questions from the Fire Driver Examination that was administered March 2, 2023.



City of Denton

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AGENDA INFORMATION SHEET

DEPARTMENT: Human Resources

CM/ DCM/ ACM: Sara Hensley

DATE: March 29, 2023

SUBJECT

Receive a report, hold discussion, and take action on the appealed questions from the Fire Driver Examination that was administered March 2, 2023.

BACKGROUND

On March 2, 2023, the Fire Department administered a promotional examination for the position of Fire Driver. Per the Texas Local Government Code Chapter 143.034, eligible promotional candidates are entitled to review their promotional examination and answers, the examination grading, and the source material for the examination. If still dissatisfied, they may appeal to the Commission.

There are nineteen (19) appeals over thirteen (13) questions for the Commission to review from the promotional examination for Fire Driver.

OPTIONS

Appeals to the Commission under the Local Rules and Regulations shall be limited to the quoted source material attributable to the referenced examination question. If the appeal does not include the basis and is not limited to the quoted source material, it will not be considered by the Commission.

Commissioners may sustain the answer key; accept alternate/multiple answers; or accept all answers as correct.

RECOMMENDATION

Consider, hold discussion, and take action on the appealed questions from the Fire Driver promotional examination.

EXHIBITS

- Exhibit 1 – Agenda Information Sheet
- Exhibit 2 – Fire Driver Appeals and Department Responses
- Exhibit 3 – Fire Driver Raw Scores
- Exhibit 4 – Fire Driver Exam Demographics
- Exhibit 5 – Fire Driver Promotional Source Material List

Respectfully submitted:
Crystal Babcock
Civil Service Secretary
Human Resources Operations Supervisor



Denton Fire Department

Promotional Test Appeal

Name

DFD ID#

DATE

3/7/23

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**TEST QUESTION # APPEALED: 5EXAMINATION DATE: **March 2, 2023**DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, _____ is correct in addition to the keyed answer. Both answers should be graded correct.
- ☒ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

I would like to submit that "The heredity of the individual" is "considered a factor in metabolic syndrome". I base this on pg. 117, where "the firefighter wellness physical of the Rogers, Arkansas, Fire Departments Medical Evaluation and Fitness Program" includes a "Comprehensive health background questionnaire • Metabolic profile analysis • Lipid panel (including cholesterol, triglycerides, HDL, and LDL)". One reason to have a "Comprehensive health background questionnaire" is to know "the heredity of the individual". I gather that all answer choices are **FACTORS** in metabolic syndrome. All answer choices should be graded correct. Thank you for your time today and for allowing this opportunity.

Denton Fire Department Driver's Exam Appeals 2023

Department Response

Source: Occupational Safety, Health, and Wellness, (4th Ed.), IFSTA

Question 5 (1 appeal)

Of the following answers, which answer IS NOT considered a factor in metabolic syndrome?

- a. A high blood pressure
- b. A low HDL cholesterol level
- c. A high triglyceride level
- d. The heredity of the individual

Answer – D (page 127)

Department Response: **SUSTAIN/ACCEPT**

Reasoning: Answer is directly out of the book on page 127. The appeal is based on text from page 117; this page doesn't mention "heredity" or "metabolic syndrome" much less link the two together.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name

DFD ID#

DATE

March 3, 2023

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED:

27

EXAMINATION DATE: **March 2, 2023**DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☒ The keyed answer D is not correct. Answer B is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, _____ is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

#27 asks which of the factors greatly influences discharge pressure. While the other choices influence discharge, Choice B, the speed of the impeller, is the only one that greatly influences discharge pressure. On page 300 of the book it states "Greater pressure is developed with increased impeller speed" & further "The increase in pressure is roughly equal to the square of the change in impeller speed." The other two factors are listed ^{only} as direct influences. Further in the information about water from a pressurized source it states "Any movement of the impeller increases both ^{the} velocity and corresponding pressure." Of the factors that influence discharge pressure the speed of the impeller greatly influences it.



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID# [REDACTED] DATE 3-6-23

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 27

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, A is correct in addition to the keyed answer. Both answers should be graded correct.
- ☒ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

The word "greatly" implies that the question is asking which factor has the greatest influence. "The amount of output pressure that a pump may develop is directly dependent on the volume of water it is discharging". The question is asking which answer is most important, ~~this~~ ~~and~~ It can be argued that "A" is also correct.

Question 27 (2 appeals)

Which of the following factors greatly influence a centrifugal pump's discharge pressure?

- a. the amount of water being discharged
- b. the speed at which the impeller is turning
- c. the pressure of water when it enters the pump from a pressurized source
- d. all of the above

Answer – D (page 300)

Department Response: **SUSTAIN/ACCEPT**

Reasoning: The book lists answers A, B, and C as “three main factors” that influence centrifugal pump discharge pressure. “Main factors” are things that “greatly influence”; the question is not asking for the greatest influence nor is one named in the text.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID# [REDACTED] DATE 3-6-23

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 33

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, C is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

PG 197, The reach of the fog stream is directly related to its width, size of water particles, the wind and the volume of water flowing.
 answer D and C are both in the same statement,
 the size of the hose being used when pumped at the same
 nozzle pressure will inherently provide more volume & reach.

"C" the size of the hose being used should be accepted
 due to volume increase with larger hose line



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID# [REDACTED] DATE 3/8/23

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 33

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, C is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

The volume of water flowing is related to the reach of a fog stream. Different size hose increase or decrease the volume of water flowing

Question 33 (2 appeals)

Which of the following is directly related to the reach of a fog stream?

- a. the speed at which the nozzle is opened
- b. the size of the supply intake
- c. the size of the hose being used
- d. the size of the water droplets

Answer – D (Page 197)

Department Response: **SUSTAIN/ACCEPT**

Reasoning: "...directly related to its width..." is possessive and refers to the width of the stream. Larger hose alone does not inherently increase volume or reach of a fog stream. More volume through a fog nozzle requires more pressure, a bigger nozzle, or both.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID# [REDACTED] DATE 3-6-23

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 36

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, _____ is correct in addition to the keyed answer. Both answers should be graded correct.
- ☒ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

The First sentence of the Carrying Capacity
states "The load-carrying Capacity of a beam
increases by the square of its depth". Without
deminsions no numbers can be given. You have
to know the depth to figure Carrying Capacity



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID# [REDACTED] DATE 3/7

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 36

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, _____ is correct in addition to the keyed answer. Both answers should be graded correct.
- ☒ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

Question # 36 Key answer is C (sixteen)
 If we increase the depth of a beam
 four times, the load capacity is increased _____
 times?

This question is not word for word out of
 the book. The book states "thus multiplying the depth
 by two, the carrying capacity is increased by the square of
 two - that is, by four"

No where does it say anything about load capacity is
 increased by sixteen.

Continue on back of this form as needed.

Question 36 (2 appeals)

If we increase the depth of a beam four times, the load capacity is increased _____ times.

- a. four
- b. eight
- c. sixteen
- d. thirty-two

Answer – C (page 28)

Department Response: **SUSTAIN/ACCEPT**

Reasoning: The book states the load carrying capacity of a beam increases by the square of its depth. At the end of the same paragraph it states that (by) multiplying the depth by two, the carrying capacity is increased by the square of two—that is, by four. Therefore, if increased four times, the carrying capacity is increased by the square of four—that is, by sixteen. Also, figure 2-20 illustrates this as well.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID# [REDACTED] DATE 03/09/2023

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 48

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, A is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

p. 253 "There is an inherent limit to the height of masonry buildings due to the necessity of increasing the thickness of the wall ~~as~~ as the height of the building increases."

p. 253 "The tallest old-style masonry bearing wall building in the United States is the Monadnock Building in Chicago. It is 15 stories high, and the masonry walls at ground level are several feet thick"

Using the above knowledge regarding the necessity to use considerably more building materials as masonry building height increases, one can arrive at the fact that as building height increases, so does cost. Because the wall increases in two dimensions, (height and thickness), the cost increase is not linear. It is exponential. Therefore, choice "A" is correct in addition to choice "C".

Question 48 (1 appeal)

The reason that there is an inherent limit to the height of masonry buildings is:

- a. the cost of building construction materials becomes exponentially higher with taller buildings.
- b. the overall interior space becomes limited with each floor that is added to the building.
- c. due to the necessity for increasing the thickness of the wall as the building height increases.
- d. the building loses it's aesthetic appeal due to the quantity of masonry materials.

Answer – C (page 253)

Department Response: **SUSTAIN/ACCEPT**

Reasoning: Directly from the book. No mention of construction costs associated with the Monadnock Building in Chicago. The appeal is making assumptions not stated in the book.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID [REDACTED] DATE 03/09/2023

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 49

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer B is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, _____ is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

p. 325 "A chief virtue of concrete is its high compressive strength and
low cost, which is why concrete is used for columns" (subheading: "Columns")

p. 326 "Plain concrete is strong in compression but weak in shear,
and it does not have any tensile strength" (subheading "Beams and Girders")

Choice "B" states that "Plain concrete is strong in vertical applications but
weak in horizontal applications."

Plain Concrete is strong as a vertical element, as in a column under compressive
forces, but weak as a horizontal element, as in a beam which is under
both compressive and tensile forces (p.326). Therefore, choice "B" is a
correct and acceptable answer choice.

Question 49 (1 appeal)

Plain concrete is strong in _____ but weak in _____.

- a. tensile strength; torsion
- b. vertical applications; horizontal applications
- c. compression; shear
- d. pre-tensioning; post tensioning

Answer – C (page 326)

Department Response: **SUSTAIN/ACCEPT**

Reasoning: Direct quote from the book that is not contradicted. The book does not define horizontal applications as a weakness for plain concrete.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID [REDACTED] DATE 3/8/2023

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 51

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, C is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

Keyed Answer A is Correct, rescue is given precedence, However
Sometimes the best rescue can be extinguished.

The Book describes tough choices yes. However it is all
Situation determined on the Situation, location of Fire (danger)
where the Victims are. Fire can cut off an escape route
and putting the fire out may be faster/safer and Victims
can shelter in place.

Source: Fire Officer's Handbook of Tactics (5th Ed.) Norman

Question 51 (1 appeal)

When sufficient personnel are not available to effect both rescue and extinguishment at the same time,

- a. rescue must be given precedence.
- b. extinguishment must be given precedence.
- c. both rescue and extinguishment must be treated equally.
- d. no success will be possible until sufficient manpower becomes available.

Answer – A (page 7)

Department Response: **SUSTAIN/ACCEPT**

Reasoning: Directly from the book in bold letters as the 1st concept under The General Principles of Firefighting. The appeal does not point to any text that contradicts.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name

DFD ID#

DATE

March 3, 2023

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**TEST QUESTION # APPEALED: 52EXAMINATION DATE: **March 2, 2023**DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☒ The keyed answer C is not correct. Answer B is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, _____ is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

Friction loss has a direct relationship with the length of the hose. On page 100 of the source material "The longer the hose, the greater the friction loss." As the length increases the friction loss increases. The relationship with the diameter of the hose is an indirect relationship. On page 100 "The larger the diameter of the hose, the less the friction loss." As hose diameter increases friction loss goes down. The question asked for the direct relationship therefore only answer choice B "the length of the hose" is correct.



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID [REDACTED] DATE 3/7

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 52

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☒ The keyed answer C is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, _____ is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

Question 52 states

Friction loss is directly related to

pg 100 of Fire officer's Handbook of tactics

2nd to last paragraph 1st column states

"Friction loss occurs along the length of the hose."

Therefore, if the flow remains constant, the longer the hose, the greater the friction loss. This is a direct relationship

Question 52 (2 appeals)

Friction loss is directly related to

- a. the diameter of the hose.
- b. the length of the hose.
- c. both a. and b.
- d. neither a. nor b.

Answer – C (page 100)

Department Response: SUSTAIN/ACCEPT; keyed answer (C) is incorrect, only B is correct.

Reasoning: The appeals are correct that hose diameter is not “directly related” to friction loss since friction loss decreases when hose size increases. This, by definition, is an inverse relationship. Also, the text only states that they are related, not directly related. The text does state that there is a “direct relationship” between hose length and friction loss. If question did not contain the word “directly”, then answer C would be correct.

The department response is to accept the appeal; the keyed answer (C) is incorrect, answer B is the only correct answer.



Denton Fire Department

Promotional Test Appeal

Name

DFD ID

DATE

March 3, 2023

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**TEST QUESTION # APPEALED: 56EXAMINATION DATE: **March 2, 2023**DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, B is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

Stack effect is effected by the height of the building And the temperature difference between the outside air and the inside air as illustrated in Figure 18-20 on page 462. Under new style high rise construction on page 460 the author states that these new style high rises are virtually sealed up for efficiency in maintaining a comfortable environment which would in effect cause greater temperature differences between outside air and inside air in newer buildings than would have occurred in older drafty buildings with their windows that can be opened (reference Old style High Rise Construction pg 457 last paragraph) Both taller + newer buildings present more noticeable stack effect.

Continue on back of this form as needed.

Question 56 (1 appeal)

"Stack effect" is the natural movement of air in a building. It is most noticeable in _____ buildings.

- a. older
- b. newer
- c. smaller
- d. taller

Answer – D (page 461)

Department Response: **SUSTAIN**/ACCEPT

Reasoning: Question and answer are directly out of the book. The appeal is making assumptions not stated in the source material. The book does not make a connection between newer buildings and more noticeable stack effect. Higher efficiency does not mean great temperature difference, just less energy used to create the environment.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name

DFD ID#

DATE

3/7/23

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**TEST QUESTION # APPEALED: 60EXAMINATION DATE: **March 2, 2023**DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, C is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

According to the question the fire hasn't spread to the attic. The question also doesn't clearly say where the fire is even located. If the fire is in a bedroom and hasn't spread to the attic then yes (A) horizontal ventilation would be appropriate but it never clarifies this. If the fire is on either front or back porches ~~and has~~ it could still not extend to the spaces under the roof. In this example (c) no ventilation would be necessary. The question is too vague leaving multiple answers (A, C) to both be correct options.

Question 60 (1 appeal)

Considering peaked residential roofs, generally, if the fire hasn't extended into the area directly under the roof

- a. then horizontal window ventilation will be sufficient.
- b. then the roof should be opened immediately.
- c. ventilation is not necessary.
- d. then the gable end of the roof should be opened.

Answer – A (page 384)

Department Response: **SUSTAIN/ACCEPT**

Reasoning: Question and answer are directly from the book. Appeal makes assumptions that the fire is possibly an exterior fire. Either way, Answer A is the best choice.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID# [REDACTED] DATE 3-8-23

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 67

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, A is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

The Fact that it does not indicated occupancy
of 50 or more. Under 50 any of those examples
could fall under Business Occupancies p48



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID# [REDACTED] DATE _____

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: #67

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☐ Another answer, A is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

p.50 Assembly Occupancies, as buildings that used for a gathering of 50 or more persons.

p.48 Business Occupancy - general offices, doctors offices, government offices, city halls, municipal office buildings, courthouses, with less than 50 occupants.

The question needed to state whether the occupant load was less than or greater than 50.



Denton Fire Department

Promotional Test Appeal

Name [REDACTED] DFD ID# [REDACTED] DATE 03/09/2023

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED: 67

EXAMINATION DATE: **March 2, 2023**

DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, A is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

• p. 48 "A business occupancy is an occupancy used for the transaction of business other than mercantile". This definition specifically includes "courthouses" in the same paragraph.

• Furthermore, on p. 51, "NFPA 101 defines small assembly uses as those situations where a room or space contained within another type of occupancy is used for assembly purposes by fewer than 50 persons and is incidental to that occupancy" This would logically include a conference room or a courtroom within a courthouse.

• p. 50 shows that there is a specific parameter of 50 or more persons to qualify as an assembly occupancy.

Because no specific occupancy load (e.g. number of persons) was provided in the question, and given the definition of "Business Occupancy" as well as the lack of congruency between "Assembly" and "Small Assembly", it is reasonable to

Continue on back of this form as needed.

conclude, based on the text, that choice "A" is also a correct answer choice. 46

Question 67 (3 appeals)

Museums, Courtrooms, Restaurants, and Conference Rooms are all examples of

_____.

- a. Business Occupancies
- b. Assembly Occupancies
- c. Mercantile Occupancies
- d. Educational Occupancies

Answer – B (page 50)

Department Response: SUSTAIN/ACCEPT multiple answers: A & B are correct.

Reasoning: The question does not state whether the occupancy is greater than or less than 50 which is a key factor in determining between a business occupancy and an assembly.

The department response is to accept the appeal; multiple answers (A & B) are correct.



Denton Fire Department

Promotional Test Appeal

Name

DFD ID#

DATE

3/6/23

APPEAL OF EXAMINATION QUESTION

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EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED:

73

EXAMINATION DATE: **March 2, 2023**DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, C is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

I would like to appeal question 73, in that "contents" of the building is a better answer choice than D. While it is true that the text says "The natural exit access is influenced by the contents and occupancy of the building", the content around this statement is lacking, beginning with Figure 15 on pg. 133. This figure uses a desk (obstruction) as an example of measuring travel distance. "4. Around corners and obstructions with a clearance of 12" (305mm)" Pg. 274 speaks about Safe housekeeping, specifically in "2. Remove obstructions or impediments to egress", and a few sentences later says, "Other occupancies may generate large amounts of trash, waste, or other by-products that need to be removed". Pg. 275 has a "Safety Tips" saying, "obstructed exits also mean obstructed fire department access into and through a building." Pg. 277 says, "Housekeeping issues inside a building can increase the possibilities of ignition by introducing a heat source, producing larger or

Continue on back of this form as needed.

more rapidly developing fires due to the additional fuel loads, or can hamper^{of} Occupant egress or firefighting access by blocking exits and aisles." Pg. 279 cites that, "one of the more common problems seen by fire inspectors is storage of combustibles and carts in the egress system, causing obstructions and impediments to prompt exiting in an emergency." Continuing to reference the influence of contents on pg. 125, the text says, "A fundamental principle of Exit access is a free and unobstructed way to the exits." If this is not convincing in itself, pg. 128 gives us "Measurements of Means of Egress" to include how far "handrails" can project into the egress. All of these citations and wording around each does not speak of "occupancy", which is defined as "the intended use of a building." While occupancy of the building is an influence, the contents of the book does not specify and is unable to expand. This is why I propose accepting both "C" and "D" as correct answers.

Question 73 (1 appeal)

The natural exit access (path of travel) within a building is influenced by the _____.

- a. age of the building
- b. occupancy of the building
- c. contents of the building
- d. both answers b. and c. are correct

Answer – D (page 133)

Department Response: **SUSTAIN**/ACCEPT

Reasoning: Question is directly from the source material. D is the best answer.

The department response is to sustain the key.



Denton Fire Department

Promotional Test Appeal

Name

DFD ID#

DATE

3/7/23

APPEAL OF EXAMINATION QUESTION

INSTRUCTIONS: Please complete one form for each question you wish to appeal. State clearly what you believe is wrong with the question and provide a reason for your belief. The posted source material is the guide for the accuracy of any question or answer. Please type, print or write legibly. If additional space is needed, go to the bottom of this page.

EXAMINATION TITLE: **Fire Driver**

TEST QUESTION # APPEALED:

82

EXAMINATION DATE: **March 2, 2023**DEPARTMENT ADMINISTERING EXAM: **Fire**

General nature of objection: (Check one of the following and explain fully below.)

- ☐ The keyed answer _____ is not correct. Answer _____ is the correct answer and should be allowed for credit instead of the keyed answer.
- ☒ Another answer, B is correct in addition to the keyed answer. Both answers should be graded correct.
- ☐ The question is faulty because there is no correct answer among the choices. All answers should be graded correct.

Reason(s) supporting your appeal: (If appropriate, give the page number of the source that supports your claim.)

Page 71 under the heading "Route Selection" is proof that "civilian traffic patterns" should also be graded correct in addition to "human dynamics". The entire two paragraphs explain that, "A short time spent planning your route before leaving may save you time and will certainly make your response safer." It also gives an example that "during early morning commutes, traffic traveling towards the center of town may be heavier than traffic moving in the opposite direction". The text also speaks of using a GPS to avoid traffic. "Ensure the route the device recommends is not compromised by construction, heavy traffic, or some other unforeseen local complication." Thank you for your time and consideration.

Question 82 (1 appeal)

In addressing transport safety, the questions must not focus solely on vehicle dynamics but must consider also:

- a. human dynamics.
- b. civilian traffic patterns.
- c. age of roads.
- d. dispatch protocols.

Answer – A (page 3)

Department Response: SUSTAIN/ ACCEPT multiple answers: A & B are correct.

Reasoning: While the question is a direct quote from the book, page 71 does contain text regarding traffic having an effect on safety. The sentence used was a poor choice to use as a test question. It is transitioning from vehicle dynamics to human behaviors and doesn't encompass all subjects that are important to safety.

The department response is to accept the appeal; multiple answers (A & B) are correct.



DENTON FIRE DEPARTMENT

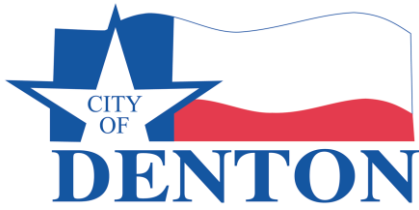
Fire Driver Promotional Exam
Raw Scores, March 2, 2023

NAME	SENIORITY POINTS	RAW SCORE	WITH POINTS
Gilmore, Brian	10	96	106
Wolfe, Seth	7	96	103
Arriaga, Julian	9	94	103
Davis, Wade	10	92	102
Morton, Ward	10	91	101
Futch, Casey	5	95	100
Karns, Zachary	4	95	99
Gibbs, Casie	10	89	99
Craver, Jacob	10	88	98
Dulin, Jefry	5	92	97
Evans, Corbin	10	87	97
Anderson, Kevin	5	90	95
Streetman, Corey	7	88	95
Strong, Eric	10	85	95
Davis, Levi	3	91	94
Wells, Jared	5	89	94
Dieter, Matthew	5	89	94
Higgins, Jared	3	90	93

NAME	SENIORITY POINTS	RAW SCORE	WITH POINTS
McGary, Brandon	10	83	93
Hammond, Chris	4	88	92
Earnhart, Bradley	10	82	92
Kenny, Travis	10	80	90
Conaway, Michael	6	83	89
Baca, Brent	7	82	89
Punches, Jeremy	10	79	89
Bentley, James	10	79	89
Antwiler, Daniel	7	81	88
Armstrong, Jamison	10	76	86
Mataska, Jacob	9	75	84
Duckworth, Roger	7	76	83
Cullum, Garrett	3	78	81
Mullis, Seth	5	75	80
Byrom, Corey	7	70	77
Jacobson, Nels	5	70	75
Schertz, Dustin	5	70	75
Bishop, Kyle	6	69	69
Pribble, Stephanie	4	68	68

March 2, 2023, Fire Driver Promotional Exam Demographics

	Number Registered	Percent Registered		Number Present	Percent Present		Number Passed	Percent Passed		Number Failed	Percent Failed
							(of those present)			(of those present)	
Male	39	95.12%		35	94.59%		34	91.89%		1	2.70%
Female	2	4.88%		2	5.41%		1	2.70%		1	2.70%
No Answer	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Total	41	100.00%		37	100.00%		35	94.59%		2	5.41%
African American	1	2.44%		0	0.00%		0	0.00%		0	0.00%
Caucasian	38	92.68%		35	94.59%		33	89.19%		2	5.41%
Hispanic	2	4.88%		2	5.41%		2	5.41%		0	0.00%
Asian	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Native American	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Other	0	0.00%		0	0.00%		0	0.00%		0	0.00%
No Answer	0	0.00%		0	0.00%		0	0.00%		0	0.00%
Total	41			37			35			2	



Denton Fire Department

Promotional Exam Source Material 2023



Fire Driver

1. **Occupational Safety, Health, and Wellness** (4th Ed.) (2018) IFSTA
Fire Protection Publications, ISBN 978-0879396381
2. **Pumping and Aerial Apparatus Driver/Operator Handbook** (3rd Ed.) (2015) IFSTA
Fire Protection Publications, ISBN 978-0879395711
3. **Brannigan's Building Construction for the Fire Service** (6th Ed.) (2021) Glenn P. Corbett;
Francis L. Brannigan, Jones & Bartlett Learning, ISBN 978-1284177312
4. **Fire Officer's Handbook of Tactics** (5th Ed.) (2019) John Norman
PennWell Corporation, ISBN 978-1593704186
5. **Fire Inspector Principles and Practice** (Revised Enhanced 1st Ed.) (2016) IAFC/NFPA
Jones & Bartlett Learning, ISBN 978-1284137743
6. **EMS Vehicle Operator Safety** (1st Ed.) (2018) Bob Elling, Robert Raheb, NAEMT
Jones and Bartlett Learning, ISBN 978-0763781675

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City of Denton

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AGENDA CAPTION

Discuss agenda and date of the next Civil Service Commission meeting.