



GOVERNMENT OF GUÅHAN  
(GUBETNAMENTON GUÅHAN)

DEPARTMENT OF ADMINISTRATION  
(DIPATTAMENTON ATMENESTRASION)

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# STUDY GUIDE FOR FIRE FIGHTER RECRUIT

## INTRODUCTION

The Government of Guam requires an employment examination for the Fire Fighter Recruit position which consists of two parts. Please be aware that you must pass each part in order to proceed to the next part of the examination.

Part I is a Written Test which consists of 118 multiple choice questions. The length of the examination is two (2) hours. You must answer at minimum 100 questions correctly in order to pass the Written Test. The examination measures the following: Reading Comprehension, Judgment and Decision Making Ability, and Arithmetic Computation Ability. **For those scheduled to take the written test, please bring at least three (3) sharpened No. 2 pencils with erasers, and one (1) handheld manual pencil sharpener.**

Please be advised that **all communication devices (e.g. cell phones) must be turned off before entering the testing room.**

Part II is the Physical Ability Test. It consists of six events: Ladder Raise and Climb, Forcible Entry, Stair Climb, Hose Drag, Equipment Carry, and Rescue Drag.

Please be aware that the Physical Ability Test is a pass/fail test. In order to be eligible for any vacancies, you must pass both the Written Test and Physical Ability Test. **More information is available in the Fire Fighter Recruit Physical Ability Test Candidate Preparation Guide which is a separate document. Please download the Guide at [www.hr.doa.guam.gov](http://www.hr.doa.guam.gov), or obtain a copy from the Human Resources Division.**

## SAMPLE PROBLEMS

Each question has four or five possible choices for an answer. You are to select the ONE best answer either A, B, C, D, or E, and then completely shade in the corresponding lettered box of your choice on your test answer form. Also, completely erase any errors and stray marks. It is important to follow these instructions when taking the test because for the actual test, your test answer form will be machine scored. The answers to the sample problems are located on the last page.

## Part I: Written Test

**Instructions:** Answer Example 1 by utilizing the following paragraph. The answers to the sample problems are located on the last page.

Fire Fighters use the word “ventilation” in a special way. Fire Fighters ventilate a building by causing heated air, smoke, and gases to escape and by causing cooler air to take their place. Ventilation can help trapped victims by supplying them with fresh air. Ventilation also keeps the cost of damage down resulting from smoke and heat. Since no two fires are alike, firefighters should not think that what they learn about ventilation in one fire will always be of great use in any other fire.

### Example 1:

The main idea of the preceding paragraph is that:

- A. Knowledge of ventilation learned at one fire will not be of help at other fires.
- B. Ventilation is one of the best ways to rescue trapped victims at a fire.
- C. Cooler air, taking the place of heated air, smoke, and gases in a burning building helps the fire-fighters do their jobs.
- D. Ventilation means helping trapped victims, locating the fire, and keeping down the damage from smoke and heat.

=A= =B= =C= =D=

**Instructions:** For Examples 2 and 3, you are to select the most appropriate answer by using the given regulations and code. The answers to the sample problems are located on the last page.

## REGULATIONS

Personal Appearance: Hair – Hair shall be worn so that the hair does not extend below the top of the uniform shirt collar while sitting or standing in an erect position. Hair shall not cover any part of the outside portion of the ear.

Referring to the regulations given above answer Examples 2 and 3 by selecting one of the following which most closely fits the statement.

### CODE

- A. The rules have been violated.
- B. The rules have not been violated.
- C. A more detailed explanation is required to determine whether or not the rules have been violated.
- D. The rules are completely unrelated to the information given.

### Example 2:

Recruit Sablan’s hair is neatly styled; his hair is below the top of his uniform shirt collar while sitting.

=A= =B= =C= =D=

### Example 3:

Recruit Fernandez is one of the outstanding officers in his division. His hair is not covering the top of his ears.

=A= =B= =C= =D=

**Instructions:** Example 4 is based on the information given below. Review the information and answer the question. The answers to the sample problems are located on the last page.

**Types of Fire Hoses (Hypothetical Case)**

TYPE I — A two inch diameter fire hose is used for small fires such as trash fires, automobile fires, etc.

TYPE II — A four inch diameter fire hose is used for large fires such as burning houses, forest fires, etc.

**Example 4:**

A fire that starts in a small office trash can next to the desk should be extinguished using which of the following?

- A. Type I Hose
- B. Type II Hose

=A= =B= =C= =D=

**Instructions:** Examples 5 and 6 are calculations based on the formula given below. Calculate your answer first and then select the correct answer by shading in the letter of your choice. The answers to the sample problems are located on the last page.

Formula: A formula is used to calculate the increase in the number of fires per year. The formula is:

$$F = A + 50$$

Use this formula to calculate the answers to Examples 5 and 6.

**Example 5:**

A = 20      What is F?

- A. 30
- B. 40
- C. 60
- D. 70

=A= =B= =C= =D=

**Example 6:**

A = 59      What is F?

- A. 108
- B. 109
- C. 110
- D. 112

=A= =B= =C= =D=

**Instructions:** Read the examples carefully and select the correct answer by shading in the letter of your choice. The answers to the sample problems are located on the last page.

**Example 7:**

$$\begin{array}{r} 3421 \\ +7552 \\ \hline \end{array}$$

- A. 10,793
- B. 10,973
- C. 10,397
- D. 10,379

=A= =B= =C= =D=

**Example 8:**

$$\begin{array}{r} 5241 \\ -3333 \\ \hline \end{array}$$

- A. 1,908
- B. 1,980
- C. 1,809
- D. 1,098

=A= =B= =C= =D=

**Example 9:**

$$\frac{2}{3} + \frac{1}{6} =$$

- A.  $\frac{4}{6}$
- B.  $\frac{5}{6}$
- C.  $\frac{15}{16}$
- D.  $\frac{5}{8}$

=A= =B= =C= =D=

**Example: 10**

$$2.5 \times 3 =$$

- A. 27
- B. 2.7
- C. 75
- D. 7.5

=A= =B= =C= =D=

**Example 11:**

$$\frac{3}{7} =$$

- A. 0.249
- B. 0.492
- C. 0.429
- D. 2.33

=A= =B= =C= =D=

If you have any questions pertaining to the test, please feel free to call the Human Resources Division, at 475-1141\1120. Good Luck! (8/16)

Answers by example number:

- 1. C    7. B
- 2. A    8. A
- 3. C    9. B
- 4. A    10. D
- 5. D    11. C
- 6. B