

Aptitude Test: Sample Questions

For additional resources, please visit:

http://www.fireprep.com/free_50_question_firefighter_p.html

Baron's textbook prep available for \$15 below:

<http://barronseduc.com/1438001312.html>

The Annex bookstore:

<https://www.annexbookstore.com/firefighter-entry/>

- "Automobile parking and double parking on city streets is becoming daily a greater menace to effective firefighting." Of the following effects of automobile parking, the *least* serious is that:**
 - access to the fire building may be obstructed
 - ladder and rescue work may be retarded
 - traffic congestion may make it difficult for fire apparatus to get through
 - greater lengths of hose may be needed in fighting a fire
- It is generally considered poor practice to rapidly shut down the nozzle on a hose that is operating under high pressure. The most likely reason is that:**
 - it will cause the water to build up high pressure suddenly and burst the hose
 - the hose will jump violently and be thrown from the firefighter's control
 - the nozzle is not designed for this kind of treatment
 - the nozzle will jam shut and will be difficult to reopen in an emergency
- The Metroland Fire Department responded to 12,486 fires during the year. It has been concluded from the Fire Prevention Division that 27% of those fires were categorized as preventable. What is the number of fires that could have been prevented?**
 - 3,371
 - 9,115
 - 1,972
 - 4,543
- $8 \frac{3}{4}$ divided by $2 \frac{1}{2}$ =**
 - $1\frac{7}{8}$
 - $3\frac{1}{8}$
 - $3\frac{1}{2}$
 - $4\frac{1}{10}$
- Find the numerical value of the following expression when $a = 6$, $b = 5$, $c = 4$, $m = 3$, $n = 2$:**
 $b / (4 + mn)$
 - .5
 - .85
 - .3
 - 1.5

...continued on reverse



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- Page 2 -

Reading Comprehension

Use the information below to answer questions 6, 7 and 8:

At 3:00 a.m., firefighters at House Number 9 were dispatched to respond to a fire involving two adjacent two-family homes numbered 136 A, 136 B, 137 A, and 137 B. When the firefighters arrived on the scene, both two-family homes were fully involved and some residents were standing outside. One of the residents, Mrs. Renner, came running up to Captain Keller, the commanding officer on the scene, to inform him about the status of the other residents. Mrs. Renner indicated that the occupants of 136 A, Mr. and Mrs. Spina and their daughter Helen, were on vacation. She was especially sure of this because the Spina's car was still gone. Mrs. Renner added that she, her husband and her son, Gary, had gotten out safely from 136 B. Mrs. Renner's son, Gary, informed the captain that he had gone around back to see if Mr. and Mrs. Simms, the elderly couple who lives alone in 137 A, had escaped through the back. Gary indicated that he could not see anyone and Mrs. Renner added that she hadn't seen the old couple either and was hoping they had already left town for their annual summer vacation. Finally, Mrs. Renner pointed to her neighbors from 137 B, Mr. and Mrs. Sloan, and indicated that they had gotten out safely and that they had no children in their home.

6. The following number of individuals normally reside in the homes on fire:

- a) 8
- b) 9
- c) 10
- d) 11

7. The address of the home that may still be occupied is:

- a) 136 A
- b) 136 B
- c) 137 A
- d) 137 B

8. The person who had gone around back to check for the elderly couple was:

- A) Mrs. Spina's daughter
- B) Mrs. Renner's son
- C) Mrs. Renner's husband
- D) Mr. Sloan



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