

# FIREFIGHTING! EXTREME CONDITIONS

## *Answer Key*

Each question is worth (5) points each.

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1. Fires claim the lives of how many Americans a year?

*Nearly 5000*

2. How many fires a year are there in the U.S.?

*2 million*

3. Fire is a   3   part chemical reaction.

4. What 3 components make up the fire triangle?

*Heat, fuel, oxygen*

5. What was an important part of village survival in early America?

*Bucket brigades*

6. What was the device invented in the 1700s that revolutionized firefighting?

*Piston Pumpers Engine*

7. What was the most dramatic era in firefighting history?

*Age of Steam*

8. Why were Dalmatians typical firefighting guard dogs?

*They possess a unique quality to get along with horses*

9. What two U.S. cities burned to the ground in 1871 and 1906?

*San Francisco and Chicago*

10. What did it take to finally end the great Chicago fire?

*A rain storm*

11. What triggered the San Francisco Fire?

*An earthquake*

12. How long did the San Francisco earthquake fire last?

*3 days*

13. When did safety equipment for firefighters take a large leap?

*1964*

14. What's one of the largest dangers to firefighters now?

*Backdraft*

15. Approximately how many U.S. firefighters die in the line of duty in a year?

*100*

16. How long did it take to extinguish the Kuwaiti oil well fires?

*7 months*

17. In what year did the Hindenburg disaster occur?

*1937*

18. In an airplane fire how long is escape possible?

*3 minutes*

19. On earth, fire has a teardrop-like shape, what shape do flames take on in outer space?

*Round*

20. What percent of arsonists are also murderers?

*70-80%*