After the violent earthquake that shook Los Angeles in 1994, earthquake scientists had good news to report: The damage and death toll( ) could have been much worse. More than 60 people died in this earthquake. By comparison, and earthquake of similar __1__ that shook America in 1998 claimed 25,000 victims.

Injuries and deaths were __2__ less in Los Angeles because the quake occurred at 4:31 a.m. On a holiday, when traffic was light on the city's highway. In addition, __3__ made to the construction codes in Los Angeles during the last 20 years have strengthened the city's buildings and highways, making them more __4__ to quakes. In the past, making structures quake-resist-ant meant firm yet __5__ materials, such as steel and wood, that bend without breaking. Later, people tried to lift a building off its foundation, and insert rubber and steel between the building and its foundation to __6__ the impact of ground vibrations. The most __7__ designs give buildings brains as well as concrete and steel supports, called smart buildings, the structures respond like living organisms to an earthquake's vibrations. When ground shakes and the building tips forward, the computer would __8__ the building to shift in the opposite direction. The new designs should offer even greater __9__ to cities where earthquakes ofen take place. The new smart structures could be very __10__ to build. However, they would save many lives and

would be less likely to be damaged during earthquakes. [A] changes [B] flexible [C] decrease [D] recent [E] push [F] reduce [G] relatively [H] safety [I] resistant [J] expensive [K] force [L] accordingly [M] intensity [N] security [O] opposed Answers　1.　M)
of　　　　　　　　　　　　earthquake
"　　"　　　　　　　　　　　changes

safety　intensity　security　　　intensity

M)　2.　G)　　　　　　　　　　　less
relatively"　　　" accordingly"　　　"
1998
"　　　　　　　　　　　　"
"　　　　"　1998

G) relatively　3.　A)
have
strengthened the city's buildings and highways,
3

A) changes　4.　I)　　　　　　　　more
them
= the city's buildings and highways, have strengthened "　　　"

resistant　　　　　　　　I)　5.　B)
materials　　　　...bent without breaking "
"

flexible　　"　　　　　　　　"　　B)　　6.　F)
insert rubber and steel between the building and its foundation "

"　　　　the impact of ground vibrations"

"　　　　decrease　reduce　　　　　"　　"

F) reduce　　　　　　　7.　D)

3　　　　　　　　　In the past, Laer

recent　　　　the most

recent desighs"　　　　"　　　　"

"　　D)　　　8.　K)

push　force　　　push

force　　　9.　N)

offer

"　　"　　　safety

security

N) security　　　10.　J)

However

However

J) expensive　　　After the violent earthquake that shook Los Angeles in 1994, earthquake scientists had good news to report: The damage and death toll(　　　) could have been much worse. More than 60 people died in this earthquake. (The damage and death toll could have been much worse.　　　"

"

) By comparison, an earthquake of similar M) intensity that shook America in 1998 claimed 25,000 victims. (

an earthquake...claimed... 25,000 victims) Injuries and deaths were G) relatively less in Los Angeles because the quake occurred at 4:31 a.m. On a holiday, when traffic was light on the city's highway. In addition, A) changes made to the construction codes in Los Angeles during the last 20 years have strengthened the city's buildings and highways, making them more I) resistant to quakes. In the past, making structures quake-resist-ant meant firm yet B) flexible materials, such as steel and wood, that bend without breaking. Later, people tried to lift a building off its foundation, and insert rubber and steel between the building and its foundation to F) reduce the impact of ground vibrations. The most D) recent designs give buildings brains as well as concrete and steel supports, called smart buildings, the structures respond like living organisms to an earthquake's vibrations. When ground shakes and the building tips forward, the computer would K) force the building to shift in the opposite direction. The new designs should offer even greater N) security to cities where earthquakes ofen take place. (In the past...,Later...,The most...designs,

) The new smart structures could be very J) expensive to build. However, they would save many lives and would be less likely to be damaged during earthquakes.   1994

60

1998   25，000

4　31

20

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