

高二英语第二十二期·语法填空自测

注意：限时 8 分钟

Section A

Directions: After reading the passages below, fill in the blanks to make the passages coherent and grammatically correct. For the blanks with a given word, fill in each blank with the proper form of the given word; for the other blanks, use one word that best fits each blank.

A new phone app, called MyShake, uses vibrations from smartphones __1__ (alert) people about earthquakes. The phone app recognizes sudden shaking of the earth's surface through sensors in smartphones.

It is the work of four researchers at the University of California, Berkeley. They said they created a worldwide warning system __2__ inform people and give them time to prepare. Smart phones __3__ (equipped) with accelerometers which are used in activity trackers and in global positioning system apps, also called GPS.

MyShake uses phone accelerometers to measure seismic activity. It has been programmed to know the difference __4__ normal activity and earthquake movement. The software developers say their app is right 93 percent of the time. A smartphone sends seismic information to the app developers. __5__ the developers receive several notifications from one area, it can recognize __6__ an earthquake may be taking place or will take place soon. Using information sent from the app, the network then estimates the location and strength of the quake in real time. MyShake can record magnitude 5.0 earthquakes at distances of 10 kilometers or less.

MyShake uses very little power, according to its developers. Only when seismic activity is sensed by the app __7__ it become active and sends data to the network.

The developers hope that MyShake can add to information collected by the U.S. Geological Survey. That U.S. agency has created the Earthquake Early Warning System, also known as the EEW. The EEW has deployed sensors for measuring quakes in many areas. In places __8__ no such equipment exists, MyShake may be the only method of early quake detection.

The app also shows ways to stay __9__ (safe) during an earthquake. The developers say it will become more effective as more people use it.

"Our goal is __10__ (build) a worldwide seismic network and use the data to reduce the effects of earthquakes on us as individuals and on society as a whole," say the researchers. The developers say they hope to add a feature that would warn people about a possible tsunami, or the huge waves after an earthquake.

答案由高二英语第二十三期提供（每周一期）

高二英语第二十一期语法填空答案：

1. contact 2. Although 3. who/that 4. which 5. reduced
6. to connect 7. like 8. what 9. should 10. that

如果本套试题有不会的题目，请于每周五，周六，周日下午 16:00——17:00 来吉地教育五角场校区，一线教师，**免费**为你一对一答疑！