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re is an example at the beginning (0).

Advanced technology prevents viruses from escaping

A simple virus can multiply in many different types of cell.

Scientists are trying to discover how viruses reach us

It is important to find the right people to work in the laboratory.

The building is designed to stop viruses from escaping

Animals are responsible for spreading most viruses.

Viruses can often disappear for periods of time

67

I Sometimes not even the most advanced security can prevent accidents

Inside the Hot Virus Laboratory

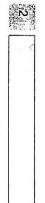
Practice Test 4

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most deadly viruses known to man are kept. enter Britain's Hot Virus Laboratory where the but stopping things from getting out. We are about to stands a high security fortress. It is no ordinary is dedicated not to stopping things from getting in, fortress however. It is a laboratory, and the security In grey countryside in the heart of England there



and even water viruses, they believe, can come from insects, animals come from is often a mystery as well. At this laboramultiply, often with deadly results. Where they human cells. Once inside these cells, they begin to exist inside cells. These can be plant, animal or tory, the staff are dedicated to discovering this. Some The virus is the simplest form of life and can only



to attack human or animal cells. chances of survival, and is waiting for another chance virus is simply looking for ways of improving its but the team at the laboratory believe that often the of the world to another by people travelling on planes. Sometimes the viruses just vanish for a while, they are very infectious can be spread from one part Some viruses can kill in as little as two weeks, and if



which one is responsible for passing killer viruses on sources, from rats to spiders, in an effort to find out trying to discover where these viruses come from. Dr Graham Lloyd, who works at the laboratory, is They have been making tests on a variety of possible

> to humans. Dr Lloyd and his team are part of the "thin red line" of scientists between us and the next deadly attack by a virus.

there is more security in the Hot Virus Laboratory these, the scientists can make contact with the vithese cabinets and by putting their arms through viruses live. There are long rubber gloves attached to accident. As we go through another high security door, we are faced with steel cabinets in which the fellow worker was infected with a deadly virus by than anywhere in the country. But even so, when Dr They work in very high-security conditions - in fact Lloyd first went to work at the laboratory in 1976 a

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air can never escape from these cabinets. happens, then alarms go off, and through a variety of should appear in a glove? Dr Lloyd says if this is a deadly killer at the end of them. What if a hole gloves look very delicate when you think that there technical methods they have made sure that infected Even though Dr Lloyd is very careful, the long rubber

6

not report this and infected five other people before check each other. This is to prevent incidents like the as they work in pairs in the laboratory so they can sive people, or people who don't get on with others, in working with viruses. They do not employ aggresemploy people who have a great deal of experience he was stopped. Luckily, they all survived tally spilt some dangerous liquid on himself. He did case of a scientist in another laboratory who accidenpeople who take security very seriously. They only The Hot Virus Laboratory is clearly a place for