

## 第 1 講

① 次の英文を読み、下の設問に答えなさい。なお、\*印の語には注があります。

There is a Web site in her name, she wagging tail and all. There is a small \*vial holding her cells. And there is a team of scientists working to make sure that after she is gone, she will live on, ( a ). Missy, a 14-year-old dog, could make the record books. Her wealthy owners have given \$3.7 million to a group of scientists at Texas  
5 A&M University to clone her.

The Missyplicity Project, now in its third year, is part of a larger effort to clone pets. Genetic Savings & Clone, run by some of the same scientists working on Missyplicity, has frozen the cells of dogs, cats, horses, goats, cattle, lions and other animals in hope of copying them. Advanced Cell Technology Inc. (ACT) in Massachusetts also is  
10 storing tissue of various animals, ( b ) endangered species. One division of ACT concentrates on domestic cats as a model for larger endangered cats such as the African wild cat and Siberian tiger. ( c ), no cat clones have been born.

Scientists say cloning dogs is difficult because, unlike cattle, they go into heat only once or twice a year, making donor eggs ( d ) available. Cats are easier, but  
15 researchers at ACT are still trying to figure out how many cloned \*embryos have to be implanted in a \*womb to establish a pregnancy. The number should be neither too large nor too small. Chuck Long, general manager of Genetic Savings & Clone, predicts scientists are one or two years away from cloning cats and dogs — and expects that cats ( e ).

20 Lou Hawthorne, chief executive officer at Genetic Savings & Clone, says the company has already rejected requests from a performance artist who wanted a glow-in-the-dark dog and a scientist interested in a dog that could breathe underwater. “I sent him back a picture of a sea lion and said, ‘Is this what you have in mind?’” Hawthorne said. Cloning is making only a genetic copy, so the new dog ( f ) know  
25 the old tricks. “It’s not (g) resurrection,” says Dr. Mark Westhusin, who heads up Missyplicity. “It’s (h) reproduction.”

Hawthorne says prospective clients are warned of the ( i ). “You can’t clone the bond,” he says. “You can’t clone the experience. You clone the body .... It may