

次の英文 **A**, **B** を読み, その文意にそって(21) から(26) までの () に入れるのに最も適切なものを **1, 2, 3, 4** の中から一つ選び, その番号を解答用紙の所定欄にマークしなさい。

Local Foods

Over the past 20 years, more and more individuals have been buying locally produced food because it is better for both people's health and the environment. Seeing these benefits, some retirement homes in the United States have switched from packaged food made in large factories to homemade dishes made with local ingredients. They were surprised to find that this change (**21**) as well. They found that by preparing meals at the retirement home, they were able to reduce the overall amount of money spent on food.

Two of the major costs of food production are packaging and transportation. When people buy from local farmers, the farmers can spend much less money on both. (**22**), the farmers lower the price of their products. As a result, the retirement homes can save money while the local farmers are able to make a larger profit, allowing more money to remain in the area. Thus, the local economy also improves.

FutureCare Cherrywood is one retirement home which has started using locally produced food. Sandy Stallings, the food service director, says that one of the most important results is how residents now feel about their food. They are more satisfied with their food and happier in general. Of course the improved taste of the food is important, but Stallings believes that getting residents (**23**) has also led to this change. Residents help to decide which foods will be served and even grow some vegetables themselves. By buying locally, a number of problems can be solved at once.

- | | | |
|------|---------------------------------------|---|
| (21) | 1 had economic advantages | 2 caused medical problems |
| | 3 reduced environmental damage | 4 decreased the availability of food |
| (22) | 1 Like before | 2 In turn |
| | 3 At least | 4 For once |
| (23) | 1 involved in choosing | 2 interested in exercise |
| | 3 to eat vegetables | 4 to use fewer services |

Smelling Fear

The sense of smell is an important tool for animals that live together in groups. Dogs and wolves, for example, use smell to communicate with their families and with other groups. In a similar way, smell is important for humans. In fact, it also helps us (**24**). Some scientists say that without smell, we would have trouble recognizing family members and learning how to get along in a group. This is because smell is closely related to our memories.

Katherina Hauner, a researcher at Northwestern University in Chicago, did an experiment to learn about smell, memories, and feelings—in particular, fear. She showed participants a picture of a man while causing them pain. (**25**), she had them smell roses. Later, when the people saw the picture again or when they smelled roses, they became afraid. This is because they remembered the smell, the picture, and the pain together as one memory.

Before beginning her experiment, Hauner had believed that there was a way to use smells to help people get rid of their fears. She knew that when people see something that they are afraid of many times, they learn not to be afraid of it. In her experiment, Hauner had the participants sleep in a room that smelled like roses. While the participants were sleeping, the smell caused them to remember the picture in their dreams many times. When they woke up, they were less afraid of the picture. Hauner was (**26**). She hopes doctors will use these results to develop treatments for fears in the future.

-
- | | | |
|------|---|--|
| (24) | 1 improve academic ability
3 reduce stress easily | 2 develop social skills
4 forget pain quickly |
| (25) | 1 With luck
3 At the same time | 2 For this reason
4 By then |
| (26) | 1 not able to help them
3 not surprised by the results | 2 worried they might get hurt
4 ready to start new research |