

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。

Battling Bacteria

When people catch diseases that are caused by bacteria, they are often given drugs called antibiotics, which work to kill bacteria in the body. However, there are now many new types of bacteria that cannot be killed with antibiotics. One type of bacteria, called MRSA, has become (**21**) hospitals and nursing homes. MRSA spreads easily where there are many sick people in one place, and it cannot be treated using traditional antibiotic drugs. As a result, many scientists are looking for new antibiotics that can fight such bacteria.

One group of researchers at United Arab Emirates University has been looking to frogs for an answer. Frogs live in wet environments that have a lot of bacteria, so their skin has evolved to protect them from dangerous bacteria. Scientists have known about the bacteria-killing chemicals on frogs' skin for many years. However, there are some challenges to finding a way to use those chemicals. One is that the human body destroys the chemicals before they can act as a medicine. (**22**), some of the chemicals on the frogs' skin can harm human cells.

Michael Conlon, leader of the study, says that his team has discovered some solutions. They have made small changes to the chemicals on the frogs' skin to make them less harmful to humans, while also making them better at killing bacteria. Despite these advances, Conlon says that it will (**23**) drugs from these chemicals. Although these drugs may not be ready soon, it is expected that one day they will play a large role in fighting bacteria.

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- | | | |
|------|---|--|
| (21) | 1 a new hope for
3 a big concern for | 2 less common in
4 easier to cure in |
| (22) | 1 Fortunately 2 Therefore | 3 In exchange 4 What is more |
| (23) | 1 be impossible to create
3 build demand for | 2 take time to develop
4 reduce the damage of |

Tipping in the United States

A tip is a small amount of money that customers give to someone who has provided a service for them. This payment is made in addition to the charge for the service. Tips are common in many countries, including the United States—where tips are given to waiters, taxi drivers, and other workers. In fact, in most American restaurants, waiters are paid a very low hourly wage. This is because it is expected that they will (24). As a result, tips are a very important part of their income.

Tipping has both good and bad points. Many restaurant owners like the system because they can pay waiters less and so charge lower prices. This is attractive to customers, who also believe that tipping encourages waiters to give better service. (25), tipping can sometimes be confusing for visitors to the United States. Even many Americans are unsure of exactly how much they should give in some situations, such as when a hotel worker carries suitcases to a guest's room.

Now, some people in the United States are trying to find ways to improve the situation. Jay Porter, a restaurant owner in San Diego, found that his waiters were arguing with each other about their tips. This was creating problems for his business, so he decided to (26) in his restaurant. Instead, he added a fixed service charge to each bill and raised the waiters' wages. After this, his workers were happier. Although anti-tipping policies are still rare in the United States, some people would rather avoid the problems that tipping can cause.

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|------|---|--------------------------------|---|-----------------------|
| (24) | 1 | make money through tips | 2 | find a second job |
| | 3 | return money to the restaurant | 4 | pay fewer taxes |
| (25) | 1 | Furthermore | 2 | Similarly |
| | 3 | On the other hand | 4 | To make matters worse |
| (26) | 1 | hire new employees | 2 | invite more customers |
| | 3 | ask for advice | 4 | get rid of tipping |