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Applied English Course (Fifth Meeting)

Exercise I

Choose the appropriate option!

1. The followings are some of the world's scariest viruses **except** . . .
 - a. Nipah
 - b. Hendra
 - c. Colora**
 - d. Marburg
 - e. SARS
2. Coronavirus has a lower mortality rate but spreads incredibly . . .
 - a. sluggish
 - b. fast
 - c. slow
 - d. temporary
 - e. repeatedly**
3. According to the speaker the recent rise in outbreaks is likely due to humans and their animals creeping ever-farther into bats' . . .
 - a. nest
 - b. community
 - c. layer
 - d. territory**
 - e. municipal
4. Most infected bats don't die and live normally. The possible reason why bats are so resilient to infection because . . .
 - a. They live in colony.
 - b. Their DNA is mutated.
 - c. They consume various meals.
 - d. They have antidote.
 - e. They do flight.**
5. What is the speaker's point of view on the last seconds of the video?
 - a. Do bats-hunting
 - b. Execute the bats
 - c. Control the spread of diseases carried by flying mammals**
 - d. Evacuate the inhabitants around the infected area
 - e. Keep away from any activities related to flying mammals

Exercise II

Answer the following question in brief!

1. What have you learned after watching the video? State your idea.
2. Bats do appear to carry more human-killing diseases than pretty much any other animal. Clarify it.
3. For some reasons, people need bats. Mention some benefits of bats!
4. Bats are so resilient to infection even most infected bats don't die. What makes them so sturdy?
5. Due to the nowadays condition, what can you suggest to keep you yourself and people around you stay healthy? Give your words.

ANSWER

1. The point is viruses are transmitted through intermediaries between one object and another object, such as the fruit that is bitten by a bat leaves saliva and then is carried by other species. Or urine or feces that fall on the grass can be eaten by other animals, or the bat itself and then eaten by other animals. But why does this animal not die when it has a virus in its body? One study showed that bats suffer only a small amount from the viruses they carry because they 'leak' DNA when they fly. Flying is very difficult and heavy compared to other mammals. When flying, bats will release DNA into cells. In most mammals, this leaked DNA will be considered a virus and will be attacked by the immune system. To avoid attacking their own tissue, the researchers believe that bats have evolved to have a lighter reaction to viruses. This is considered by researchers to allow viruses and bats to live together with 'peace' in one body.
2. Among other animals, bats are the most carriers of disease. Of the total 137 diseases, about 60 diseases can be 'transferred' directly or indirectly from bats to humans. These diseases include, corona virus, hanta virus, lyssa virus, SARS corona virus, rabies virus, lassa virus, henipah virus, ebola virus and marburg virus. One theory why they are so full of disease is because they tend to live in colonies at close range making the spread of disease inevitable.
3. Besides bats ensure the balance of the ecosystem, bats can also eradicate pests namely planthopper pests, here are some of the properties of consuming bats:
 - Cure respiratory disease (Asthma)
Research on bat meat that can be used as medicine to cure asthma has been done research. According to the results of the study said that, bat meat contains kitotefin compounds that can be used for healing in people with asthma. This compound can also be found in other animals such as rabbits.
 - Cure skin diseases
Many say that the meat of wild animals can cure the itching that occurs in the skin. However, this is a myth that developed in the community. Until now there has been no research that proves or states this is true or not.
 - Increase stamina
Bat meat is believed to increase one's stamina. Many people also believe that bat meat can increase sexual desire. But this is also still a myth, because there is no research that can confirm that.

Exercise II

4. One study showed that bats suffer only a small amount from the viruses they carry because they 'leak' DNA when they fly. Flying is very difficult and heavy compared to other mammals. When flying, bats will release DNA into cells. In most mammals, this leaked DNA will be considered a virus and will be attacked by the immune system. To avoid attacking their own tissue, the researchers believe that bats have evolved to have a lighter reaction to viruses. This is considered by researchers to allow viruses and bats to live together with 'peace' in one body.
5. Always keep cleanliness, for example by washing hands, avoiding food that can invite disease, trying not to get too close to people who might be infected by a contagious virus.

Happy Working! Do the Task Safely ☺