

Lesson 02 True or False 問題集

Part 1

- 1) We can create new technologies with the help of nature. (T)
- 2) Biomimetics means protecting nature with new technologies. (F)
- 3) Leaves of lotus plants are always dry and clean. (T)
- 4) Lotus leaves have tiny, rough bumps on the surface. (T)
- 5) When water falls on lotus leaves, the drops run down and gather as one. (T)
- 6) Lotus leaves are always wet and dirty because the plants grow in muddy ponds.
(F)
- 7) Lotus leaves are good at keeping themselves clean. (T)
- 8) “Lotus effect” means the self-cleaning ability of lotus plants. (T)
- 9) One food company uses the lotus effect to grow lotus plants. (F)
- 10) One food company uses the lotus effect to make yogurt lids. (T)
- 11) One food company makes yogurt lids from lotus leaves. (F)

Part 2

- 1) Cats use their tongues to clean themselves. (T)
- 2) Cats swallow their fur and cough up furballs. (T)
- 3) Cats clean themselves with their furballs. (F)
- 4) One electronics company uses the grooming mechanism of cats to make its vacuum
cleaners. (T)
- 5) One electronics company makes vacuum cleaners to clean cats' furballs. (F)
- 6) The fan blades of the vacuum cleaners are rough like the tongue of a cat. (T)
- 7) The fan blades of the vacuum cleaners cut the dust into small pieces. (F)

8) The fan blades of the vacuum cleaners press the dust together like a furball. (T)

9) Thanks to the fan blades, the dust in the vacuum cleaners become more compact.

(T)

10) We empty the vacuum cleaners less often because they make the dust more compact. (T)