

The cipher will become more secure because the cracking of vigenere cipher depends on the finding of key length mostly. When the key length will become equal to the length of the string, the hacker will not be able to identify the alphabets frequencies and so it will become totally indestructible.

However, in this case we should make sure that the key selected should be completely random and is chosen only once. Here the encryption will be similar to a one time pad which are difficult to break.