



(1) 4

(2) 2

(3) 3

(4) 1

(5) 1

(6) 3

(1) 3

(2) 1

(3) 4

(4) 9

(5) 2

III

- (1) 3, 7 (5 - 3 - 6 - 4 - 1 - 7 - 2)
- (2) 6, 4 (3 - 6 - 5 - 7 - 1 - 4 - 2)
- (3) 4, 5 (2 - 4 - 6 - 1 - 7 - 5 - 3)
- (4) 7, 2 (3 - 7 - 1 - 6 - 5 - 2 - 4)
- (5) 6, 5 (3 - 6 - 2 - 1 - 7 - 5 - 4)
- (6) 7, 6 (4 - 7 - 5 - 2 - 8 - 6 - 3 - 1)

IV

A (1) 1 (2) 4 (3) 1 (4) 2 (5) 4 (6) 3

B (1) 1 (2) 3 (3) 4 (4) 2

(解答例)

Medical doctors have been enthusiastic about genetic technology, in order to treat their cases successfully. And genetic scientists have also been eager to reveal as many scientific facts as possible. They answer such questions as: What does our DNA consist of? How have we evolved? How will we evolve in the future?

As far as medical doctors are concerned, genetic technology will do far more good than harm, because they are very likely to use the fruits of genetic technology to cure their patients of many diseases that have long been thought to be incurable.

For this purpose, they are dependent on genetic technology. And genetic scientists have been pursuing it for various purposes.

Some of them are dedicated to saving human lives by producing effective vaccines, medicines that have no side-effects, and so on.

Others are "purely" interested in whatever can be derived from their studies. They are pursuing whatever genetic technology can provide, some of which, including cloning technology, are said to have some medical and ethical problems. Even if their achievements are beneficial for human welfare, nobody is sure whether they are harmful or not.

Every branch of science is touched by human beings. We know well that even the latest chemical plants are not free from danger. I'm afraid that dangerous by-products from genetic science labs will get out or be stolen, which would result in worldwide panic. What could we do if such a disaster occurred? Nothing, to date.

Therefore, I believe that the study of genetic technology and its application should be under the control of an international organization belonging to the UN. The organization should permit scientists to study genetic technology only for medical purposes. Human beings are not always perfect, and many mistakes have been made throughout our history, such as the use of atomic bombs and excessive emission of greenhouse gases. Genetic technology has already started to have good influences on medicine, on the other hand, we must not add another example to the sad disasters by letting genetic technology go so far as to threaten our lives. It is time we became wise enough to make good use of science.