**阅读理解01**

**Reading Comprehension**

*Directions: There are four passages in this part. Each passage is followed by five questions or unfinished statements.For each of them there are four choices marked A,B,C and D, Choose the best one and mark your answer on the ANSWER SHEET with a single bar through the center of the letter.*

**Passage**

Since the beginning of history, man has been attracted by the idea of living forever, of winning the fight against death and disease. So far, this has only remained a dream, though a very powerful one. Many people have wondered whether it would be possible to find a way to preserve human bodies, and what would be the best way to preserve human bodies.

It has long been known that meat of fruit can be kept fresh for long periods by freezing; in ancient China, for example, food was stored with ice to keep it fresh. This method could also be useful for preserving humans, and in fact many people have explored this possibility.

However, most living beings that exist under warm conditions die when frozen. This is because of the harmful effects of freezing ice crystals（晶体）, which are not only larger than the volume of the water originally in the cells, but also form sharp cutting shapes that harms the cells.

In the 1940s Dr B.J.Luyet and a group of scientists in England were working on the problem of freezing cells without damaging them. Since the harm caused by ice crystals was the main cause of the damage, Luyet suggested removing some or all of the water from the cells before freezing them.

Using living cells from chicken, Luyet and his assistants discovered that they could partly dry the chicken cells, using a mixture of the white part of an egg and glycerin（丙三醇）, a clear, thick liquid made chiefly from fats and oils. Some success was obtained. The chicken cells were dried, frozen for a period of time, and then carefully unfrozen. Almost all the cells recovered when they reached normal temperatures.

Since then, the cooling of whole animals to a temperature very much below freezing point for later unfreezing has become more of a possibility, and the glycerin method would probably be used to accomplish this. When this can be done completely and successfully, science will have moved much closer to its aim of freezing and storing incurable patients until the day they can be cured.

1. The passage is mainly about\_\_\_\_\_.
2. The possibility of preserving human bodies by freezing.
3. The practice of preserving food by freezing
4. The harmful effects of freezing
5. How to remove water from living cells
6. The idea of freezing human bodies to preserve them\_\_\_\_\_.
7. Comes from that of keeping meat and fruit fresh by freezing
8. Was invented in ancient China
9. Has already been realized
10. Is widely accepted by the scientific world
11. According to the passage, freezing is\_\_\_\_\_.
12. The best way of preserving food
13. A way of removing water from living cells
14. A way of realizing the idea of preserving human bodies
15. Harmful to living cells and cannot be adopted to preserve them
16. Glycerin can be used\_\_\_\_\_.
17. To freeze living cells
18. To unfreeze living cells
19. To remove water from living cells
20. To change the shapes of crystal
21. The success obtained by Dr Luyet and his helpers was a long step towards\_\_\_\_\_.
22. Keeping meat or fruit fresh
23. Changing the volume of the water in living cells
24. Changing the shapes of ice crystals
25. Preserving human bodies for long periods