

## Reading Comprehension Passage 21

This sample text has been prepared for the Master of Electrical Engineering entrance exam by Alpha Consulting Group.

This computer can run a trillion applications at the same time and is 100,000 times faster than the average personal computer. Its secret ingredient: DNA. DNA computers harness the vast memory capacity of nature's biological data bank to perform complex calculations and store immense amounts of information. Instead of silicone microchips, a soup of enzymes and DNA molecules are used. Though still at its infancy stage, DNA computers could potentially transform the future of computers in medical and pharmaceutical applications. Automatic bio-molecular computers could work as doctors inside the living body, sensing the disease or abnormality in the cells and curing it by releasing drugs based on its stored medical knowledge.

DNA computers of the future could also release drugs to repair unhealthy tissue or monitor the body's well-being. The potential of DNA computers has yet to be fully understood. But one thing is for sure, its potential to improve our quality of life is so great that science fiction writers struggle to keep up. However, don't rush to your nearest computer shop to get the latest quantum or DNA computer just yet. It could take a while before these computers of the future will be available at a store near you

### Questions

1. The main point of the paragraph is to describe:
  - 1) the potential of DNA computer simulation
  - 2) the potential of DNA computer storage
  - 3) the quantitative progress in the use of DNA computers
  - 4) the potential of DNA computers

**2. The word “infancy stage“ as used by the text means:**

- 1) early steps**
- 2) developing stages**
- 3) evolving steps**
- 4) virtuous steps**

**3. The term ”its“ as used by the text in line 6 refers to which of the following:**

- 1) DNA memory**
- 2) DNA molecules**
- 3) DNA computers**
- 4) a soup of enzymes**

**4. By reading the above text what could be said of the writer's attitude towards the future?**

- 1) He is hopeful**
- 2) He is indifferent**
- 3) He is enthusiastic**
- 4) He is rational**

**5. The author claims that based on its stored medical knowledge:**

- 1) DNA computers of the future could release drugs to repair unhealthy tissue.**
- 2) DNA computers of the future could monitor the body's well-being.**
- 3) DNA computers of the future could cure disease by releasing drugs.**
- 4) All the above.**

## Answers

1==> 4

2==> 1

3==> 3

4==> 4

5==> 4