

Part two: Reading comprehension

Directions: Read the following passages carefully. Each passage is followed by some questions. Complete the questions with the most suitable words or phrases (a, b, c & d) below each one. Base your answers on the information given only.

Passage 1

Genome research developments have revolutionized knowledge of the role of inheritance in health, disease, and athletic performance. Nowadays, experts in genomics, or personal diagnostics, can clarify the impact of a genetic make-up and the significance of environmental factors such as nutrition and personal behavior in relation to the causation of diseases like cardiovascular, psychiatric, and infectious diseases. There is also evidence that genes contribute to athletic performance, although the contribution of genes to success at the elite level may range anywhere from 5% to 90%. There is no evidence that genetic variations can predict athletic performance. Currently, DNA testing is unlikely to provide any additional information to an athlete or coach beyond what is already known through the traditional talent identification programs. Regarding the interaction of sports and genes, it is known that some genetic disorders, e. g. Marfan syndrome, can represent a serious health risk in someone undertaking strenuous physical activity. While more is learned about how the genome determines patterns of disease, how this information may ethically affect people's lives must also be discussed. Already, people have been refused life insurance policies on the results of genetic testing. The argument of the insurance company is that it is unfair on those free of the genetic condition to have to support people who know that they will suffer from a condition, such as Huntington's disease later in their lives.

106 . Genomics, as defined in the above text, has a role in the

- a. consideration of ethical issues in genetics
- b. modification of each person's genetic make-up
- c. prediction of the individual's athletic performance
- d. identification of diseases through the individual's genes

107 . We can infer from the information presented in the passage that experts in genomics can now clarify the effect of genetic and lifestyle factors on getting afflicted with

- a. limping
- b. pneumonia
- c. low back pain
- d. short-sightedness

108 . According to the author, nowadays, experts in genomics performance in sports.

- a. believe that genomics is highly predictive of
- b. can only talk of general contribution of genes to
- c. believe genes in different individuals invariably predict
- d. can determine the exact contribution (5% to 90%) of genes to

109 . The author implies that DNA testing compared to traditional talent identification programs provides coaches with information about the predictive power of genes.

- a. some additional
- b. no significant
- c. roughly equal
- d. highly variant