

Name: _____

Pre-Lesson Assessment

Directions: Read each question. Select the correct answer of the four choices provided. Please try to finish all the questions and when you are done let the instructor know.

1. DNA is made of basic building blocks, called nucleotides. How many different types of nucleotides are there in human DNA? (1 point)

- A. 4 B. 5 C. 6 D. 7

2. Approximately how many nucleotides are there in a brain cell of human? (1 point)

- A. 6,000,000 B. 6,000,000,000 C. 600,000,000 D. 60,000,000

2. How many chromosomes are there in a brain cell of a human? (1 point)

- A. 22 B. 23 C. 44 D. 46

3. Hard disk, USB drive and other storage media are used to store data. Each storage medium can only store data within its capacity, which can be measured with the following data storage units, TB, MB, KB and GB. (For example, a USB drive of 4GB). Among these four data storage units, which relationship between them is correct? (1 point)

- A. 1MB < 1KB < 1GB < 1TB B. 1TB < 1GB < 1KB < 1MB
C. 1KB < 1MB < 1GB < 1TB D. 1GB < 1KB < 1MB < 1TB

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