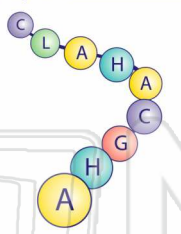




Name _____ Class _____ Date _____

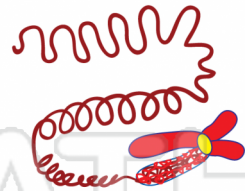
1 **Proteins** are made up of _____.

A amino acids
 B DNA
 C genetic code
 D proteins



2 Approximately how many **different genes** are found on human chromosomes?

A 500
 B 2,000
 C 10,000
 D 100,000

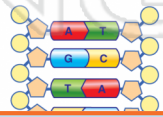


3 Which of the following correctly describes the **structure of DNA**?

A matrix with two types of nitrogen bases
 B matrix with four types of nitrogen bases

4 A **DNA nucleotide** is composed of a _____.

A sugar, phosphate, and nitrogen base



5



PREVIEW

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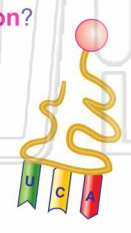
7

C reading a messenger RNA and making a protein
 D copying DNA to double the amount of DNA



9 What type of molecule **carries an amino acid** during **translation**?

A messenger RNA
 B DNA
 C transfer RNA
 D ribosome



10 The correspondence between a **messenger RNA triplet sequence** and a **specific amino acid** is called _____.

A multiple alleles
 B survival of the fittest
 C the genetic code
 D a base mutation

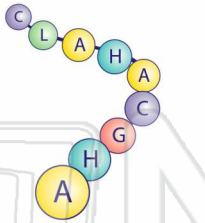




Name _____ Class _____ Date _____

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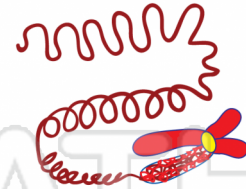
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 C genetic code
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A

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D

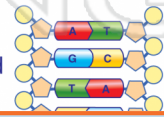
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A



C

PREVIEW

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7

C reading a messenger RNA and making a protein
 D copying DNA to double the amount of DNA



A

9 What type of molecule **carries an amino acid** during **translation**?

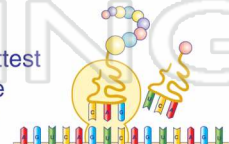
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C

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C