DNA Quiz - DO NOT WRITE ON THIS

Directions: Answer the following questions to the best of your ability.

1. Which of the following nucleic acids is responsible for storing and sending genetic information?

a. RNA b. DNA c. IRA d. SRA

2. DNA is an example of which type of macromolecule?

a. carbohydrate c. lipid  
 b. protein d. nucleic acid

3. Which of these is not a part of a nucleotide?

a. sugar c. amino group

b. phosphate group d. nitrogenous base

4. How many different nitrogenous bases can DNA have?

a. 1 b. 2 c. 3 d. 4

5. With which nitrogenous base does adenine always pair?

a. adenine b. cytosine c. guanine d. thymine

6. With which nitrogenous base does thymine always pair?

a. adenine b. cytosine c. guanine d. thymine

7. With which nitrogenous base does cytosine always pair?

a. adenine b. cytosine c. guanine d. thymine

8. With which nitrogenous base does guanine always pair with?

a. adenine b. cytosine c. guanine d. thymine

9. Which scientists discovered the structure of DNA?

a. Hooke and Schwann c. Watson and Crick

b. Franklin and Boyle d. Darwin and Rosalind

10. What is the shape DNA is usually described as?

a. double helix c. flattened ladder

b. twisted sister d. twisted spiral

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