

Khanoor Girls' School

Biology Test 2

11 Advanced

Name:

Class:

Period:

Instruction: Answer all the questions

1. _____ is the study of an organism's genome
 - a. Genomics
 - b. Heredity
 - c. Biology
2. The human genome project started in the year
 - a. 1990
 - b. 2003
 - c. 1998
3. The main goal of the human genome project was to
 - a. Identify the unique part of each person's DNA
 - b. determine the entire sequence of the human DNA
 - c. identify genes responsible for human disease
4. which best describes the impact that the human genome project has had on society?
 - a. It has helped scientists determine that certain genes can cause disease
 - b. It has led to the appearance of new diseases

- c. It has caused society billions of dollars without any major benefits
5. The science of managing and analyzing data using advanced computer is called _____
- a. Bioinformatics
 - b. Genomics
 - c. Forensics
6. How many DNA base pairs make up the human genome
- a. 5 billion
 - b. 6 billion
 - c. 3 billion
7. How many total chromosomes do humans have?
- a. 2
 - b. 46
 - c. 23
8. Gene therapy is
- a. A technique aimed at correcting mutated genes
 - b. A technique aimed at producing genes
 - c. A technique aimed at killing genes
9. SNPs stands for
- a. Single nucleotide polymorphisms
 - b. Single nucleotide polymerase
 - c. Single nuclease Polymorphism
10. ORFs contains at least _____ codons that begins with a start codon and end with a stop codon
- a. 10
 - b. 1000
 - c. 100