Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Circle One: Pre-test / Post-test

**Do Edible Dormice Hold Secrets To The Fountain Of Youth**

**Directions:** Choose the correct answer out of the options provided and write it in the space provided.

1. \_\_\_\_\_\_\_\_\_Every time a strand of DNA is replicated the ends of the molecule known as the

\_\_\_\_\_\_\_\_ shorten.
A) telomeres
B) DNA
C) nucleotide
D) chromosomes
2. \_\_\_\_\_\_\_\_\_ The “molecule of heredity” is another name for \_\_\_\_\_\_\_\_\_\_.
A) Chromosomes
B) DNA
C) RNA
D) Telomeres
3. \_\_\_\_\_\_\_\_\_The nucleotide sequence “TTAGGG” in DNA will create \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_in a cell.
A) collagen
B) carbohydrates
C) glucose
D) nothing



1. \_\_\_\_\_\_\_\_\_When a cell’s chromosomes reach stage D cellular death also known as \_\_\_\_\_\_\_\_\_\_\_\_\_ begins.
A) meiosis
B) apoptosis
C) mitosis
D) binary fission
2. \_\_\_\_\_\_\_\_\_ The length of the “ends” of an organism’s DNA is a trait that is \_\_\_\_\_\_\_\_\_\_\_\_
A) completely random for each individual
B) determined by the climate of the organism’s ecosystem
C) mainly determined by both heredity and diet of an organism
D) inherited from previous generations


**Answer Key:**

1) A

2) B

3) D

4) B

5) C