

Unit: Plant Science

Name _____

Lesson 8: Plant Genetics

Date _____

Evaluation

Circle the letter that corresponds to the best answer.

1. The transmission of characteristics from one generation to another is referred to as
 - a. Plant growth
 - b. Inheritance
 - c. Reproduction
 - d. Genetics

2. The part of a chromosome that determines individual plant characteristics is called
 - a. Trait
 - b. Pollen
 - c. Gene
 - d. Enzyme

3. Which of the following contains information that controls the metabolic processes of a plant cell?
 - a. DNA
 - b. Characteristics
 - c. Inheritance
 - d. Enzyme activity

4. Somatic hybrid plants are produced through
 - a. Self-pollination
 - b. Sexual reproduction
 - c. Enzyme activity
 - d. Genetic engineering

5. The genetic information that is passed from generation to generation is found in
 - a. DNA
 - b. Characteristics
 - c. Pollination
 - d. Genetic engineering

6. The manipulation of specific characteristics of a plant is known as
- a. Metabolic activity
 - b. Enzyme activity
 - c. Genetic engineering
 - d. Chromosomes