

Unit: Plant Science

Name _____

Lesson 2: Classification of Plants

Date _____

Evaluation

True/False (Place the correct response in the blank provided.)

- ____ 1. Botanists use the descriptive system of classification.
- ____ 2. Descriptive classification involves genus and species levels of identification.
- ____ 3. Descriptive classification deals mainly with crop plants.

Number the classification levels in correct order (1 being the broadest level and 8 being the most specific level).

- ____ 4. Division
- ____ 5. Kingdom
- ____ 6. Class
- ____ 7. Subclass
- ____ 8. Family
- ____ 9. Order
- ____ 10. Species
- ____ 11. Genus

Identify the following plant characteristics as either monocot (M) or dicot (D).

- ____ 12. Two cotyledons
- ____ 13. Leaves with parallel veins
- ____ 14. Stems without vascular cambium and with scattered vascular bundles
- ____ 15. Flower parts in fours or fives or multiples of four or five

Identify the following statements with the correct plant life cycle:
Summer Annual = SA; Winter Annual = WA; Biennial = B; Perennial = P.

- ___ 16. Requires 2 years to complete their life cycles
- ___ 17. Seeded in the late summer or early fall, harvested the following summer
- ___ 18. Develops flowers the second year only
- ___ 19. Returns each year without replanting
- ___ 20. Seeded in the spring, harvested in the fall