

Unit: Plant Science

Name _____

Lesson 2: Classification of Plants

Date _____

Evaluation

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

- F 1. Botanists use the descriptive system of classification.
- F 2. Descriptive classification involves genus and species levels of identification.
- T 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).

- (2) 4. Division
- (1) 5. Kingdom
- (3) 6. Class
- (4) 7. Subclass
- (6) 8. Family
- (5) 9. Order
- (8) 10. Species
- (7) 11. Genus

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

- D 12. Two cotyledons
- M 13. Leaves with parallel veins
- M 14. Stems without vascular cambium and with scattered vascular bundles
- D 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.**

B 16. Requires 2 years to complete their life cycles

WA 17. Seeded in the late summer or early fall, harvested the following summer

B 18. Develops flowers the second year only

P 19. Returns each year without replanting

SA 20. Seeded in the spring, harvested in the fall