Louisiana Horticulture Test Study Guide Exam – Top Notch 2023 - 2024

What is the difference between a cultivar and variety?

Cultivar- A plant or grouping of plants selected for desirable characteristics that can be maintained by propagation

Variety- A naturally occurring subgroup of a species which has some distinguishing characters

Who is Linnaeus? What system of naming plants did he create?

Linnaeus is a Swedish Botanist who developed the Binomial System of

Nomenclature(Genus + Species)

Why is it important to know common and scientific names of plants?

So that you can communicate with others without confusion about the identity of a plant

What are some origins of botanical names?

Country of origin, Names of Explorers, and Descriptive Latin Terms

What are some typical groupings for plants when they are classified by growth characteristics?

Life Span, Leaf Retention, Growth Habits, Light, Size

List the functions of a root system.

Absorption, Anchorage, Conduction, Storage

What are two kinds of root systems?

Fibrous and Taproot

List the functions of the stem of a plant.

Support; Conduction; Storage

Define xylem and phloem.

Xylem- the transport vessel for water and minerals from root to leaf

phloem- the transport vessel for manufactured food from leaf to stem What is the difference between monocots and dicots?

monocots- plants that have a single seed leaf(corn; grass; lilly)

dicots- plants that have two seed leaves(trees; shrubs; annuals) What are nodes and internodes?

nodes- the area on stems where leaves emerge

internodes- the area on stems in between where leaves emerge List the types of specialized stems and roots commonly found in plants.

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Donald Bond

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