



Home Horticulture – EXAM

2022 UMD Invitational

Team Number: _____

Team/School Name: _____

No abbreviations / PRINT LEGIBLY

Student Names (First & Last): PRINT LEGIBLY

1. _____

2. _____

Total Points Possible (written test): **27**

Total Points Earned: _____

Team Number: _____

School Name: _____

1. How many pounds of 10-10-10 fertilizer should be applied to a lawn of 3,500 sq. ft.?
2. Which popular woody ornamental is this tree?



3. The following two questions refer to one another.
 - a. Identify the insect pest:



- b. Name its most common natural predator:
4. Which of the following should NOT be composted?
 - a. Banana peels

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- b. Stale bread
 - c. Eggs
 - d. Cardboard
5. Downy mildew requires _____ in order to survive and spread.
6. Name the four major factors involved in germination:
7. True or false:
- a. Strawberries are a perennial plant.
 - b. Ladybugs are often considered pests.
 - c. Phosphorous deficiency may lead to yellowing of the leaves.
 - d. The hummingbird assists in pollination.
 - e. It is best to prune ornamental trees in late summer.
 - f. Thinning is preferred to shearing.
 - g. Some examples of garden wildlife include squirrels, frogs, bats, and hedgehogs.
 - h. The difference between invasive species and nuisance species is that invasive species are non-native and nuisance species are native.
8. What should be done to prevent weeds?
9. How should one remove weeds?
10. What are the types of plant propagation?
11. There are two basic types of hand pruners. What are they?
12. Identify whether this plant should be pruned before spring growth begins or after flowering:
- a. Azalea
 - b. Sweetshrub
 - c. Witchhazel
 - d. Wisteria
 - e. Honeysuckle
 - f. Camellia
 - g. Mimosa
 - h. Lilac