

**EARTH LaFlor / University of Florida 2008**  
**Master of Gardens: Pre-test & Post Test [Final Exam]**

*Directions: On a separate paper, write down the letter in front of the response that is the best correct answer.*

1. The Universities in the United States that are called “*Land Grant Universities*” because:
  - a. They give land to the farmers
  - b. They have extension professors who communicate research based information to solve the daily problems in communities.
  - c. They only teach students in university classes
  - d. Have excellent athletic teams like the Gators
  
2. What parts of a plant are used for identification?
  - a. bark
  - b. leaves
  - c. fruits
  - d. flowers
  - e. all of these parts
  
3. A monocot is a plant that has the following characteristics:
  - a. Flower parts occur in groups of three
  - b. The veins are split and form a net
  - c. The stems have conductive tissues that form one big ring
  - d. The parts of the flower occur in groups of four or five
  
4. The family of plants that has beans as seed, pods for fruit compound leaves, and includes the National Tree of Costa Rica is:
  - a. The Orchid Family (*Orchidaceae*)
  - b. The Bush Family (*George and Laura Bush*)
  - c. The Bean Family (*Fabacea*)
  - d. The Coffee Family (*Rubiaceae*)
  - e. The Palm Family (*Araceae*)
  
5. The botanical names for plants and scientific names for insects:
  - a. are not used by gardeners
  - b. Include two words
  - c. Are written with italic letters
  - d. Use “dead languages” like English
  - e. Are difficult to pronounce
  
6. An ideal soil for plants has
  - a. 5% air
  - b. 10% air
  - c. 25% air
  - d. 50% air
  
7. An ideal soil for plants has
  - a. 5% water
  - b. 10% water
  - c. 25% water
  - d. 50% water

8. When you plant a tree or shrub, make a hole
- the diameter of the football
  - three times the diameter of the football
  - only as deep as the football
  - both b and c
9. After applying fertilizer to a plant, it is important
- to mix the fertilizer with the soil, so the roots can reach the fertilizer.
  - water the plants, so the fertilizer moves down toward the roots
  - not to water the plants, so the fertilizer is not diluted.
  - to replace the mulch that you removed before applying the fertilizer.
10. What materials should you not compost?
- waste from the garden or vegetable garden
  - Cut hair
  - meat wastes or scraps
  - tea or coffee grounds
11. Conducting a site analysis is one of the first steps to planting the right plant in the right place.
- True
  - False
12. Plants should be selected for a landscape based on their ability to adapt to the microclimate.
- True
  - False
13. Native plants do not require supplemental irrigation (watering) or fertilizers..
- True
  - False
14. What percentage of insects are harmful to plants?
- |                  |                  |
|------------------|------------------|
| a. less than 1 % | c. 25%           |
| b. 15%           | d. More than 50% |
15. Adult insects can have more than 6 legs.
- True
  - False
16. Most plant diseases are caused by fungi.
- True
  - False
17. There are 3 types of weeds: broadleaf, grass weeds, and sedges.
- True
  - False
18. When using IPM, no chemicals are used.
- True
  - False
19. What are the three most common routes of entry of pesticides which may poison a person?
1. \_\_\_\_\_, 2. \_\_\_\_\_, and 3. \_\_\_\_\_,

20. Following application of pesticides or coming in contact with pesticide residues on plants, what should you do?

1. Wash your hands with soap before eating or drinking
2. Wash your hands with soap before using tobacco
3. Wash your hands with soap before using the toilet
4. All of the above

21. Pesticides should be used to eradicate or eliminate pests: insects, weeds, diseases, nematodes, rodents, etc.

- a. True                      b. False

22. The best irrigation rate in landscapes is an application of 1-2 centimeters of water to turf and ornamental plants daily.

- a. True                      b. False

23. Topping is a good pruning practice

- a. True                      b. False

24. When pruning trees remove as much foliage as you can

- a. True                      b. False

25. Mow the grass very low in order to avoid frequent grass mowing

- a. True                      b. False

26. Maintenance of the equipment is a waste of time; they are built to last forever without maintenance.

- a. True                      b. False

27. Chain saws are very dangerous equipment; it has to be managed with caution although I am a brave worker.

- a. True                      b. False

28. Solutions for your Life, the Home page for the University of Florida Extension website is:
- a. [www.solutionstolife.com](http://www.solutionstolife.com)
  - b. [www.lifesolutions.com](http://www.lifesolutions.com)
  - c. [www.solutionsforyourlife.com](http://www.solutionsforyourlife.com)
  - d. [www.landscapesolutions.com](http://www.landscapesolutions.com)
29. What is Extension?
- a. A set that includes a similar set and like a subgroup
  - b. It is information, classes, and educational programs for people and their communities
  - c. The property of an object by which the space takes care
  - d. The act of the extension or the condition for being extended
30. Please select which of the following are programs or areas of Extension:
- a. Orchards and fruits
  - b. Good nutrition and feeding
  - c. Agriculture
  - d. Good parenting and Child care
  - e. Youth activities
  - f. All of the above
31. In the United States, the national website for information and resources of Extension in Spanish is:
- a. [extensionenespanol.com](http://extensionenespanol.com)
  - b. [extensionenespanol.org](http://extensionenespanol.org)
  - c. [extensionenespanol.net](http://extensionenespanol.net)
  - d. [extensionenespanol.edu](http://extensionenespanol.edu)
32. The agricultural Universities in Costa Rica *do not* include:
- a. Costa Rica Institute of Tecnología
  - b. Universidad Nacional
  - c. Earth University
  - d. Universidad Latina
  - e. University of Costa Rica CATIA

**Pre-Test Personal Questions:**

- |  |        |       |
|--|--------|-------|
| 33. Do you speak English?                              | a. Yes | b. No |
| 34. Can you read English?                              | a. Yes | b. No |
| 35. Are you able to use a computer?                    | a. Yes | b. No |
| 36. Do you have access to a computer at your home?     | a. Yes | b. No |
| 37. Do you have internet access on a computer at work? | a. Yes | b. No |
| 38. Do you have internet access on a computer at home? | a. Yes | b. No |

**Post Test [Program Evaluation] Questions:**

39. Was the class useful?  
a. yes                      b. no
40. Was the level of the course?  
a. too easy                b. too hard                c. just right
41. How do you plan to use the information you learned in this course? (*choose as many answers as you like*)
- a. It will help me to get a raise
  - b. It will help me to get a better job
  - c. I will be better able to know how to do my job correctly
  - d. It will help me train other persons I work with
  - e. Other ways I plan to use the information are: (*please write your answers*)
42. Will you share this information with others?  
a. yes                      b. no  
**If yes,** how many people do you think you will be sharing this information with?  
(*Please give a number :*) \_\_\_\_\_
43. As a result of this course, I am better able to: (*Choose as many answers as you like*)
- a. choose landscape plants that are more suitable for the Guanacaste region of Costa Rica
  - b. install landscape plants and help them become established for local conditions
  - c. develop a better landscape design
  - d. better maintain plants under the climate of the Guanacaste region of Costa Rica
  - e. understand how to identify insects, weeds, diseases and other landscape pests
  - f. choose ways to manage landscape plant pests that reduce the need for pesticides
  - g. use less water in the landscape
  - h. (*please name any other skills or knowledge you have gained* 😊)
44. How can we make the class better in the future (*please write out your suggestions*)
45. What are some topics that need to be included in the future?