

2017 Mid-Term Study Guide:

1. How to become a certified Master Gardener
2. Who coordinates the Georgia Master Gardener Program
3. Chloroplasts
4. Photosynthesis
5. Binomial Nomenclature
6. Leaf functions
7. Dicots versus Monocots
8. Translocation and Transpiration
9. Short day versus long day plants
10. Xylem and Phloem
11. Soil bulk density components
12. Cation Exchange Capacity
13. pH scale and how to adjust soil pH
14. Acid loving plants
15. How to sample for soil testing
16. Basic Fertilizer calculations
17. Soil particle size and soil texture
18. Benefits of organic matter
19. Site selection for plants
20. Site preparation for planting
21. Landscape water management
22. Landscape plant selection
23. Steps in Water Smart landscape design
24. Pruning techniques and timing
25. Vegetable garden site selection
26. Nutrient demands of vegetables
27. Crop rotation
28. Causes of blossom-end rot
29. Arachnida order
30. Lepidoptera order
31. Percentage of good versus bad bugs
32. Japanese beetle life cycle
33. Insect identification
34. IPM
35. Sap-sucking insects
36. Benefits of soil amendments and compost
37. Compost decomposition requirements
38. What can or cannot be put into a compost pile
39. Tree root protection
40. Tree/shrub planting techniques
41. Tree selection considerations
42. Tree pruning techniques
43. Reasons for pruning
44. Fertilizing young trees
45. Planting perennials
46. Perennial renovation
47. Sexual versus asexual propagation
48. Requirements for seed germination
49. Materials for propagation
50. Cutting propagation and timing