





Homework

Please PRINT all answers

14. What is sudden browning on the margins of the leaves sometimes called?  
(2pts)

15. What are galls, and what causes them? (4pts)

16. What is a canker? (2pts)

17. What are Nematodes? (2pts)

18. Cytospora canker is a common fungal infection in poplar species. What does it look like? (4pts)

19. Parasitic seed plants (e.g., dodder, mistletoe) must take nutrients from the host plant because the lack \_\_\_\_\_. (2pts)

20. What is a sign? (2pts)

21. What condition is conducive to the spread of Phytophthora? (2pts)
22. What is a symptom? (2pts)
23. What is a virus? (2pts)
24. What is "Damping-off"? (2pts)
25. A frothing slime or ooze is coming from pruning cuts or crotches of a client's Elm tree. What do you advise your client? (4pts)
26. A tree has leaves that are stunted and "cupped" and the petioles are slightly twisted. What is this a symptom of? (4pts)
27. A client brings in samples of leaves from several different tree species in his yard. All of the leaves exhibit a degree of scorching on the margins and the pine needles are scorched on the tips. The client states that he has not used any fertilizer or weed control products in the last year. What do you suspect the problem to be? (4pts)

28. Several branches on one side of an *Acer Palmatum* have recently wilted and died. After making cross cuts of the branches and scraping the bark off the affected branches, you find the cambium is stained a green-gray color. What do you suspect the problem to be? (4pts)
29. What are the five steps of disease development? (5pts)
30. Your client says to you, "I have a garden plant with yellowing leaves and stunted growth. It also has numerous small galls on the root system." What do you suspect is wrong with the plant? (4pts)