

## *Plant Test Review Ch. 22-25*

1. A thin ring in a tree trunk might indicate
2. After fertilization in angiosperms, what does the ovule develop
3. Angiosperms produce seeds inside what structures?
4. Characteristics of the Plant kingdom
5. Give an example of a rapid response in plants.
6. How do minerals move from the soil into roots?
7. How do plants use hormones?
8. How do plants use the energy of sunlight?
9. How do sugars move through a plant?
10. How would a seed face less competition?
11. Identify monocot and dicot stem cross sections (pictures)
12. Identify plant phylums by pictures and common characteristics
13. Know the life cycle of an angiosperm
14. Know the parts and functions of a flower
15. Plant adaptations (cactus, for example)
16. Starting from the root cap, what is the correct sequence of cell activity in a root?
17. The first plants evolved from???
18. What are stolons?
19. What are the characteristics of a dicot? Of a monocot?
20. What are the different types of vascular tissue?
21. What are the main functions of stems?
22. What do auxin and ethylene influence?
23. What do plants need to survive?
24. What do stomata do?
25. What does phytochrome control?
26. What does the xylem consist of in angiosperms?
27. What is a carrot?
28. What is a fruit?
29. What is a gibberlin?
30. What is a rhizoid?
31. What is a seed?
32. What is adhesion?
33. What is an antheridium?
34. What is dormancy?
35. What is germination?
36. What is gravitropism?
37. What is meristematic tissue?
38. What is phototropism?
39. What is primary growth (in stems)?
40. What is the endodermis?
41. What is the function of roots?
42. What is the outer covering of plants?
43. What is unique about tumbleweeds?
44. What is xylem?
45. What kind of animal would ensure the widest dispersal of a plant's seeds?
46. What kind of seeds are generally dispersed by animals?
47. What part of a plant would be best to observe cell reproduction?
48. What traps pollen grains on coniferous plants?
49. What type of plant lives the longest?
50. What would a pollen grain landing near an ovule produce?
51. What would a pollen tube of a gymnosperm contain?
52. What would stoma look like?
53. What would you find in the meristem regions of plants?
54. When plants evolved to live on land, what had to happen?
55. Where are gametophytes of gymnosperms found?
56. Where are pollen grains produced in angiosperms?
57. Where are spores produced in ferns?
58. Where does reproduction occur in angiosperms?
59. What do Bryophytes need to reproduce?